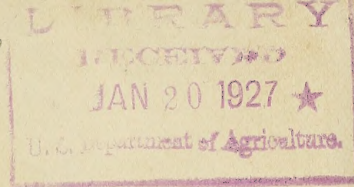


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WATKINS'

GENERAL RETAIL

CATALOGUE

... OF ...

HIGH GRADE BERRY PLANTS

Rare Fruit, Shade and Ornamental Trees,

BULBS, SEEDS, ETC.

OUR CATALOGUES.

We issue the following catalogues, which are sent free to all persons on application:

Wholesale catalogue of West American native bulbs (issued in July.)

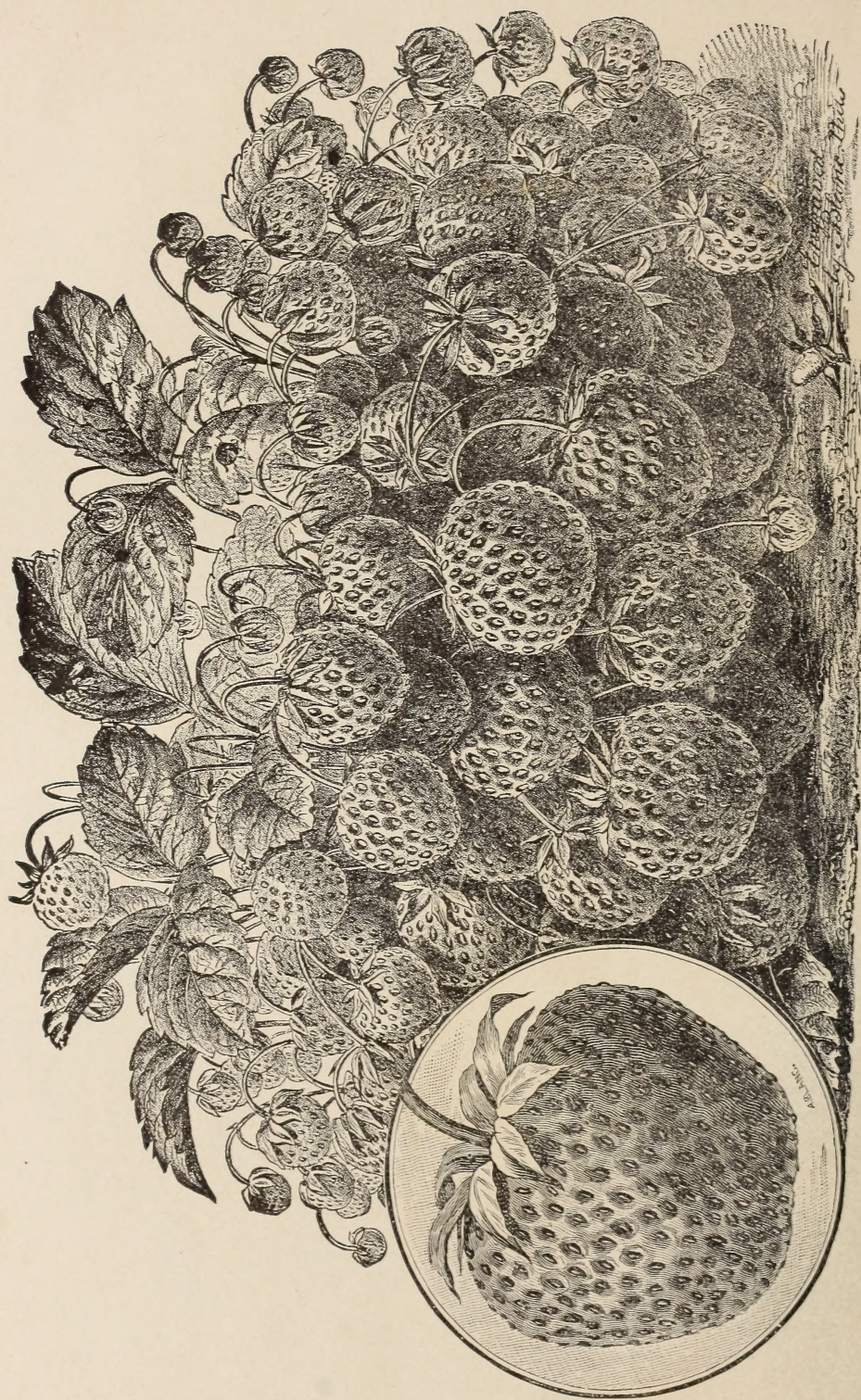
Autumn price-list of flowering bulbs (issued in September.)

General retail catalogue of berry plants, fruit trees, etc. (issued in November.)

S. L. WATKINS,

CRIZZLY FLATS,

CALIFORNIA.



HOOD RIVER STRAWBERRY. — SEE PAGE 8.

WATKINS' RETAIL CATALOGUE.

INTRODUCTION.

The list of berry plants we offer is the most complete list of any dealer in America. As our trade is not confined to any one State, we grow varieties that succeed anywhere, hence the great number offered. No matter where you live, we can safely deliver you plants, charges prepaid. Distance counts for nothing except time. We safely ship every year to every State in the Union large quantities of berry plants, also to many places in Canada.

Our foreign trade is beginning to grow considerably. We are constantly on the lookout for choice new fruits, and are successful introducers of such. Persons having novelties of merit will find it to their interest to correspond with us.

OUR SHIPPING SEASON for berry plants commences in September and ends in May.

TERMS OF BUSINESS.

TERMS CASH, except by special agreement otherwise.

HOW TO REMIT.

In remitting, we suggest the use of express money-orders, which should be made payable at Placerville, Cal.; or postoffice money-orders payable at Placerville, Cal.; or by draft on New York or San Francisco. Registered letters to Grizzly Flats, Cal., our postoffice address.

GUARANTEE.

We recognize that upon our customers receiving satisfaction depends our future prosperity, therefore the greatest care and caution is used to have everything true to name, and to offer nothing but the finest grown plants, trees, bulbs, seeds, etc. If in any case, through accident or mistake, a plant, tree, bulb or seed proves untrue to label, we cannot be held responsible for any sum greater than the original cost of the plant, tree, seed or bulb, as the case may be; but if mistakes do occur, we will furnish new plants, seeds, trees, bulbs, etc., free of cost, to all persons, or return their money. We believe this to be a fair agreement to all concerned.

STRAWBERRIES.

The strawberry we consider the most profitable fruit that can be grown, provided the right varieties for the locality are chosen. There are thousands of small towns and villages throughout the United States where the local market is not one-half supplied. This is

a great opening for thousands of persons to embark in a very profitable business. Also, the city markets are always demanding large first-class fruit, especially in the berry line. In marketing, always use nice, clean boxes, and always give big measure; never market poor, inferior fruit; all such should be thrown away. But if you grow good, desirable varieties, you will have little inferior fruit to throw out. Strawberries can be successfully grown in any soil where a crop of corn or potatoes can be produced. When preparing land for strawberries, plow deep, but before plowing give the ground a good covering of stable manure, which is the very best fertilizer known for berries; afterwards, harrow up very fine. Rows for field culture may be laid out 5 feet apart, and the plants set in rows 1 foot apart; for garden culture, rows can be 3 feet apart, and plants set 1 foot apart in the rows.

Many varieties of strawberries are destitute of stamens. These are termed pistillate sorts, or imperfect flowering kinds. They are generally marvelous yielders, when properly fertilized. What we mean by this, is that they should be set close to a row of a staminate sort, or perfect flowering kind. All varieties marked (P) are pistillate, all marked (S) are staminate. Strawberry plants can be safely set from September 1st until May 1st—of course, in cold localities, late spring planting is preferable.

All plants by the dozen and 100 rates are delivered at the following prices, charges prepaid to any postoffice in the United States or Canada. If 1000 plants are wanted by mail, \$1.50 must be added extra, to prepay postage. Beginners had better leave the selection of varieties to us, as we will send only those which we believe would do well with them. Our extensive correspondence with berry-growers all over the country enables us to determine at once the varieties that are best for a given section of country.

GREENVILLE (P.) This ought to be termed a queen among strawberries, for it succeeds everywhere. It is large in size, a brilliant red, a great yielder, and possesses a very spicy, aromatic flavor; ripens in mid-season. Per dozen, 25c; 75c per 100, \$3.75 per 1000.

LADY RUSK (P.) Splendid for a hot climate; very early, an abundant yielder, berries large, sweet and fine; good shippers. Per dozen, 25c; 75c per 100; \$5 per 1000.

MIDDLEFIELD (S.) A fancy berry for a fancy market.

Per dozen, 25c; 75c per 100; \$5 per 1000.

LEADER (S.) A very large, early berry; quite productive; of an intense, glistening red, and possessing a superb flavor.

Per dozen, 25c; 75c per 100; \$3.75 per 1000.

IOWA BEAUTY (S.) One of the sweetest, as well as one of the most beautiful berries grown; very large size; enormously productive.

Per dozen, 25c; 75c per 100; \$4.50 per 1000.

CAPTAIN JACK (S.) Old favorite; large, round berries of a high, rich flavor, splendid for canning or shipping.

Per dozen, 25c; 75c per 100; \$3.50 per 1000.

WARFIELD NO. 2 (P.) The great Chicago market berry; medium size; a brilliant, dazzling red; rich, subacid flavor; very productive.

Per dozen, 25c; 75c per 100; \$4.50 per 1000.

TRIOMPHE DE GAND. Grown extensively in the Sacramento Valley, and shipped by the carload to New York city and other Eastern points; highly flavored, of a brilliant glossy red color, extremely productive; requires a very rich soil.

Per dozen, 25c; 75c per 100; \$3.50 per 1000.

HAVERLAND (P.) We consider this as near perfection as has ever yet been attained in a strawberry. A great, rank, vigorous grower, the fruit averaging immense in size, and colored a lustrous, sparkling red. The berries are long and conical in shape, and just lie in piles around the plant. The flavor is simply grand, being quite rich, sweet, and the fruit possesses a delightful aroma. The Haverland excels all others that we have yet tested for profit, yielding two heavy crops in a season, the crop in September being very large; the most productive in all of our great collection; a pistillate variety and can be fertilized by Iowa Beauty, Woolverton, or Mexican.

Per dozen, 25c; 75c per 100; \$4 per 1000.

PARKER EARLE (S.) This ranks next to the Haverland. It is a vigorous, powerful grower and forms immense stool plants. The fruit is very large, long and conical, of a glowing, brilliant red, and covered with golden seeds, thus making the berry one of great and singular beauty. The flavor is superb, fruit very firm, and therefore a splendid shipper. Established plants of this sort yield from 400 to 600 berries to a plant, and of course to perfect such a load of fruit the soil must be quite rich.

Per dozen, 25c; 75c per 100; \$4 per 1000.

LOVET'S EARLY (S.) "A choice seedling from Kentucky, the home of Charles Downing, Kentucky, and Downer's Prolific strawberries. From its history and growth of the plant it is believed to be a cross between the Crescent and Wilson. It is of excellent conical form, exceptionally uniform in size and shape all the season; is of superior quality and decided merit; color, bright crimson; productive; the plant absolutely perfect in vigor and habit. It has for several years been subjected to the severest tests, both in Kentucky and New Jersey, and has yet to

manifest the first defect. Its season is medium early, and it has proven itself very profitable for market or garden culture.

Per dozen, 25 cents; \$1 per 100; \$4 per 1000.

LENNING'S WHITE (S.) A very rare and scarce creamy white variety, suitable only for the amateur; berries medium in size, but of the most exquisite flavor and highly perfumed musky aroma; color white, tinted with red when exposed to the sun, and very showy on the table in contrast with dark or scarlet sorts; ripe in mid-season; plants vigorous, healthy growth; though a shy bearer, is in great demand wherever its delicious table qualities are known; a great addition to garden novelties, and should be in the hands of every thorough gardener.

Per dozen, \$1; \$3 per 100.

ENHANCE (S.) Cross between Sharpless and Windsor Chief; a vigorous and healthy grower, with dark green foliage; develops massive crowns of perfect flowers; one of the most prolific in pollen; no perfect flowering variety has been produced combining more points of merit than this; is a general purpose berry; the berries largest size, very firm, bright crimson, attractive and salable; its size, beauty and firmness will recommend it to public favor, and command a high price in a fancy market.

Per dozen, 35 cents; \$1 per 100; \$4 per 1000.

SHARPLESS (S.) "As large as the ingenuity of man has yet produced, and with high manuring and culture the most profitable. Where a striking berry of mammoth size and sweet taste is wanted for home use or fancy market, plant the Sharpless. Select rich garden soil, plow in plenty of ashes, set Sharpless plants; give them clean culture, then astonish the natives, yourself included, with the results; near a good market, a quarter of an acre could easily be made to yield a profit of \$100. But don't stick down in poor land, or leave to the mercy of grass, and then blame me or the berry for the consequences."—Blacknall.

Per dozen, 25c; 75c per 100; \$3.50 per 1000.

SHUCKLESS (S.) Just the berry to grow near canneries; of good size, a great yielder and a splendid canning berry, with additional advantage of shedding the husk, at once, when they are picked. The plants are fine beautiful growers, and we believe will succeed on all soils. This plant is claimed to be identical with the old Mt. Vernon; we shall soon know, as we now have both varieties under cultivation.

Per dozen, 25 cents; 75 cents per 100.

VAN DIEMAN (S.) A most magnificent variety with us; large, heavy dark red fruit, spotted with golden seeds; the finest flavor imaginable; a tremendous yielder; ripens with Michel's Early; its beautiful appearance will sell it in any market of the world. Be sure to plant this if you have not already done so.

Per dozen, 25c; 75c per 100; \$4 per 1000.

JACUNDA IMPROVED (S.) Very similar to the Van Dieman, but with us ripens about three days earlier; the largest extreme early berry we ever fruited; we shall plant largely of this and the Van Dieman.

Per dozen, 25 cents; 75 cents per 100.

TIMBRELL (P.) A strange type of berry, of a mottled orange and red color, but of a sweet and charming flavor; it ripens after Gandy, is of enormous size and is very productive; it will be widely cultivated in the West on account of its lateness.

Per dozen, 30 cents; \$1 per 100; \$7 per 1000.

SWINDLE (S.) This is, indeed, a swindle with us, as it is a very poor and inferior type of berry; we hear good reports from the East, however, regarding it.

Per dozen, 25 cents; 75 cents per 100.

GANDY (S.) We cannot begin to give this too much praise—the plant is faultless; a large, vigorous, healthy grower just productive enough to perfect its whole load of fruit; the berries are of a deep, glistening red; the flavor strongly suggestive of strawberries and peaches; in size it ranks with the largest, and we believe this sort will perfect more large berries than any other sort known at the present day. This is a most superb canning variety. We are going to plant it largely, as we know all the plants will be called for.

Per dozen, 25c; 75c per 100; \$4.50 per 1000.

FINCH'S PROLIFIC (S.) Something very fine; the fruit averages quite large and ripens with the Wilson; it is a very firm and finely flavored variety, and is very beautifully colored.

Per dozen, 30 cents; \$1 per 100.

EARLY SCARLET (S.) One of the very earliest varieties.

Per dozen, 25 cents; 75 cents per 100.

E. P. ROE (S.) We do not believe this will ever amount to much in this country.

Per dozen, 25 cents; 75 cents per 100.

CRESCENT SEEDLING (P.) Noted for its wonderful productiveness, and its bright colored berries; succeeds on all soils and in all climates.

Per dozen, 25c; 75c per 100; \$3 per 1000.

DOWNER'S PROLIFIC (S.) A good yielder of large, round, light colored berries.

Per dozen, 25 cents; 75 cents per 100.

CUMBERLAND TRIOMPHE (S.) "A magnificent variety; berries large, no small ones, fine, perfect form and of fine flavor; beautiful bright scarlet color; of excellent quality and is growing in general favor; no one ever regrets planting it; does well everywhere; the plant is remarkably strong and luxuriant, stands extremes of heat and cold, and is not injured by drouth as many other varieties; produces abundantly, ripens medium to late, and one of the few berries that do equally well on all soils."

25 cents per dozen; \$1 per 100; \$4 per 1000.

CRYSTAL CITY (S.) Valuable only for its extreme earliness.

25c. per doz.; 75c. per 100.

CHARLES DOWNING (S.) This does very poorly with us; for heavy soils it is highly recommended.

25c. per doz.; 75c. per 100; \$3.50 per 1000.

CINDERELLA (S.) A very choice sort for low lands; very large conical berries, brilliantly colored and highly flavored; a splendid shipper.

25c. per doz.; 75c. per 100.

CHAIR'S FAVORITE (S.) Choice; of great merit.

30c. per doz.; \$1 per 100.

GENERAL SHERMAN (S.) Fruit quite large and showy, and of excellent quality.

25c. per doz.; 75c. per 100.

GYPSY (S.) Resembles the old Wilson, but of a brighter color; very productive.

2 doz. 35c.; \$1 per 100.

GREAT ONTARIO (S.) An old variety, but very fine; of the Sharpless type.

25c. per doz.; 75c. per 100.

GLENDALE (S.) A very old sort; quite acid; a splendid canning variety.

25c. per doz.; 75c. per 100.

GENERAL PUTNAM (P.) Very similar to Cumberland Triomphe.

25c. per doz.; 75c. per 100.

HAYNE'S PROLIFIC (P.)

25c. per doz.

MINOR'S PROLIFIC (S.) Similar to the Charles Downing, but a larger and better colored berry.

25c. per doz.; 75c. per 100.

HOFFMAN (S.) Nearly a failure in California, and it does not do well out of its home in Southern Atlantic States. Blacknall says: "This is the earliest, finest and the most beautiful berry that man or Nature has yet produced. More money has been made on it along the Atlantic seaboard in the past ten years than on all other varieties combined. If I was offered a prize for the crate of berries to show the finest and freshest after the long journey, I should not think of any variety but the Hoffman. It is shipped from Florida to Boston, arriving in perfect condition."

25c. per doz. 75c. per 100

DEW (S.) Very similar to the Sharpless; a most wonderful keeper, and one of the very best shippers known. Brandt says: "The most prolific as well as the most luscious of all fruits, is the Dew Strawberry. For size, sweetness, excellence of flavor and abundance of growth, it is not surpassed in the world. Their culture has been successful everywhere. It is not uncommon to have a yield of 6000 to 8000 quarts per acre. It is easy for any person possessing a farm or a garden, or even a spare corner of his yard in

the city, to raise his own supply of Dew Strawberries, with a surplus for the market."

35c. per doz.; \$1.50 per 100; \$10.00 per 1000.

BUBACH (P.) "This is one of the very best in every respect. No unfavorable reports from anywhere. The foliage is very large, dark green and healthy; growth strong and vigorous, producing plants plentifully. The fruit is of very uniform, large size, fine form, bright crimson color, ripening all over at once, of excellent quality; begins to ripen with the Crescent, but continues a long time in bearing; very productive, holds its size well to the last picking. No one should fail to plant some of the Bubach."

Per dozen, 25c; 75c per 100; \$3.75 per 1000.

EDGAR QUEEN (S.) One of the prize-takers at the World's Columbian Exposition, and described as follows: "This is the result of a lifetime devoted to improving the strawberry; the originator selected this as the very best from a lot of 5000 plants, grown from seed. It is unrivalled as a plant-producer and equals Crescent in productiveness. Probably one of the most beautiful berries ever raised. The originator selected berries over two and one-half inches in diameter, sixteen of which filled a quart basket, and weighed one pound.

25c. per doz.; 75c. per 100; \$4.00 per 1000.

WM. BELT. (S.) A rich, glossy red color; splendid quality, conical in shape, and quite firm; twelve berries to the quart; if you want to surprise your friends and yourself, too, raise this strawberry.

45c. each; \$3.00 for 10.

BLACK (S.) Fruit very large, nearly black; a great bearer.

25c. per doz.; 75c. per 100; \$5.00 per 1000.

WHITNEY (S.) A giant berry, but its rich sweet flavor is its leading feature. It is very productive, and the berries are wedge-shaped, of a glossy, crimson color; quite attractive, either on the vines or in the boxes; it ripens somewhat early. It was sent to us by a man in the State of Washington, by the name of Whitney, for the Jessie Strawberry, but it is not the Jessie, and to distinguish it from the others, we called it the Whitney Strawberry.

Per dozen, 50c; per 100, \$3.50.

ANNIE LAURIE. "Originated about six years ago by Mr. John F. Beaver of Montgomery county, O. Mr. Beaver is the most successful amateur grower that I know of. During the last twenty years he has tested nearly all the leading varieties, and he thinks this is not surpassed in real merit. He has carried it to a large number of horticultural meetings, and it always created a sensation. One of the commercial growers near Dayton, when he first saw this in bearing on the originator's place, said: 'I must have some of those plants if I have to mortgage the farm to pay for them.' The same man wrote me afterwards that he believed it to be the

best yet introduced. It comes so near perfection in size, form, color and quality that when shown at exhibitions, a large number of specimens are carried away for seed, or to be shown to those who could not attend. At the strawberry meeting in this county I had it and the Prince of Berries, the standard of excellence, handed around for all to taste, and many declared the Annie Laurie to be the better."—Crawford.

75c. per doz.

GANDY BELLE (S.) A variety of great excellence.

75c. per doz.

ARKANSAS TRAVELER (S.) We were very much pleased by the beautiful growth made by this berry this year; it has not fruited with us yet; it is sent out by George Michel, the man who originated the Michel's Early.

50c. per doz.; 75c. per 100.

ORIOLE (P.) "No. 16." This is an extra early berry, ripening only two or three days behind Michel's Early, which leads the strawberry season. It is also a large berry, the average measurement being an inch and a quarter across the berry and four inches around; no immense, overgrown, specimens, and almost no small or unshapely berries among them. It is also a very productive variety, second to none in yield, and this, together with its beautiful, deep red color, with bright-colored seeds standing well out on the surface, and its firm, dark red flesh, with a rich, aromatic flavor distinctly its own, makes this the most desirable berry for its money value in market that we have ever seen. Blossom imperfect, with some stamens partially developed. It has not fruited apart from staminate sorts, but its great productivity indicates to us that it is imperfect, as it is among this class that all the heavy bearers are found. No one at all interested in strawberries can afford to let this variety go another year untried.

Prof. Heiges, U. S. Pomologist, describes it thus: "No. 16. Not entirely staminate. It might produce a perfect crop of fruit, but would advise planting some strong staminate variety with it. Very productive, and shows very little injury from the weevil; prolongs its season of blooming and fruiting, a trait rendering it desirable for garden culture. Size large, flavor very similar to the Hautboy variety."

20c. each.

BISEL.—"The Bisel is a seedling of the Wilson, propagated in 1887. Blossoms are pistillate. Plants healthy, vigorous grower and abundant plant-makers. They have long, fine-matted roots, which enables them to stand severe drouths. The fruit is very large, luscious and firm. Color, a deep, glossy red with double calyx. Very productive; season same as the Crescent, but continues to fruit later and very uniform in shape and size. The fruit is held from the ground by large

fruit trusses, but it is protected from frost by its large foliage. One of the best plant makers. Runners large and long and sets its plants wide apart. Can be set $3\frac{1}{2}$ to 4 feet in the row and make a solid row sufficient to produce a full crop."—Originator.

30c. per doz.; \$1.00 per 100.

IDEAL (S.) "No. 11." It is "Ideal" in every respect and was so named by Prof. Heiges.

In form no berry could be more perfect, and its uniformity is certainly remarkable. We know of no other berry so regular. In color it is just right; the same dark red that distinguishes the Wilson when it comes up right, as it rarely does now; flesh rich red all through as all over; of a very high flavor, with a firmness without equal among berries of its large size. Calyx large and showy, and a strong staminate of productive habit and of robust, healthy growth. In foliage and growth of plants this variety strongly re-

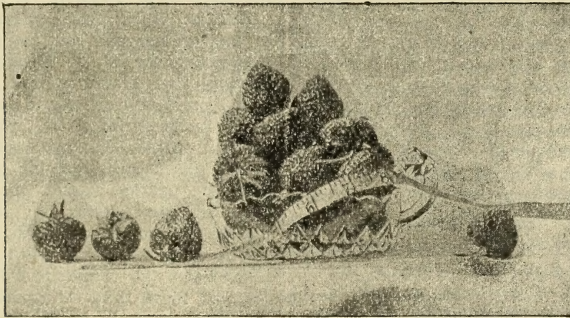
huge size and extreme lateness, ripening after Gandy.

50c. per doz.

PARIS KING. Said to be one of the best fertilizers for "Bubach No. 5," "Enormous," etc.; it comes highly recommended and will no doubt prove of great value.

\$1 per doz.

SPLENDID.—"Fruit smooth, bright red color. It is firm, a good keeper and has a perfect blossom. It begins to ripen with second picking of Crescent and holds out large berries much later; makes plants freely, plant is healthy and free from rust. In market Splendid brought 10 cents per quart when Warfield and Crescent brought $8\frac{1}{2}$ cents. Splendid yielded 8000 quarts per acre when Crescent and Warfield only produced from three to five thousand quarts per acre. Truth is "stronger than fiction." In sending out the Splendid, I simply describe it as it appears where it originated, believing when known its merits will



IDEAL No. 11.

minds us of Greenville (it would take a decided expert to tell them apart when growing;) its fruit also resembles the Greenville in size and in quantity, though more regular and less pointed, with a season a full week earlier—about one picking ahead of Dayton. Nearer perfection, says Mr. Kerr, than any other variety in existence. "Ideal," says the pomologist, and he has hit the mark exactly.

20c. ~~25c.~~ each.

WATERS. One of the best varieties for a hot, dry soil of anything we ever came across; it gives two immense crops a season; the fruit is very large and of great firmness, of a lustrous ruby red color; flesh melting, aromatic, rich and sweet; a most magnificent grower, and throws out numerous runners; blossom perfect. We bought this for the Monarch of the West, but proving distinct we call it for the man who sent it to us. If we ever discover an earlier name it will be given. P doz. 35c., \$1.25 per 100.

HAYNES' No. 1. A most rampant grower, and gives promise of being something fine. 25c. per 12.

MYSTIC. A very heavy grower, has not fruited with us. P doz. 35c.

LADY STRAWBERRY (S.) Noted for its

win. I do not indulge in a multitude of superlatives, such as "most remarkable," "most promising," "largest," "handsomest," "unsurpassed," etc., but state exact facts ascertained from count, measurement, observation and comparison, so that those who have not known it may get a fair idea of its characteristics."—Originator.

30c. per doz.; \$1 per 100.

ENORMOUS. "This is my No. 152 which I grew from seed of Crescent. It is pistillate and blooms so late that frost has not at any time injured its blossoms. It has borne seven crops in succession without any failure. I now name it as above for its great size and enormous productiveness. It is a very large and beautiful deep scarlet berry, unsurpassed in quality. It possesses all the noble qualities of the EDGAR QUEEN, and is ten days later than that variety in getting ripe. Just as the EDGAR QUEENS are gone the ENORMOUS comes in with its immense crop of magnificent berries. It is one of the largest and latest varieties known. It is the most beautiful and the most delicious in quality. The EDGAR QUEEN is the only variety

that rivals it in productiveness. The plant is a very strong and vigorous grower, leaves of a dark, glossy, green color. All in all is the most beautiful plant and valuable berry that I have ever known. It is the nearest approach to the ideal berry."—Originator.

\$1 per doz.

FREMONT. Seedling of Belmont; perfect blossom, dark crimson, conical, good-sized fruits, quite productive.

55c. per doz.

TUBBS. "This is a new variety from Anna, Arundel county, Md., and does not have to go abroad to find popularity, as in its native county where it is well and favorably known the person having out the most Tubbs is considered the most fortunate grower. This berry is highly honored by having conferred upon it the name of its originator and introducer. Mr. John Tubbs is an honorable and honest old gentleman, whose kindly face will long be remembered by the writer who had the pleasure of enjoying his hospitality for a few brief hours the past June, and sampling his famous 'Tubbs berries' where he was picking 1000 quarts per acre at a single picking on rather thin, light soil." The berry is very productive of fruit above medium size, good form and color. Its carrying qualities, Mr. Tubbs says, are good. Time of ripening medium early."—Allen.

50c. per doz.; \$2.50 per 100.

BRUNETTE. New, dark red color, and good size; noted for its rich and sweet flavor.

75c. per doz.

BEAUTY (S). Grows splendid with us, a medium early, very productive sort, rich, dark red color, fine, large size.

35c. per doz.

ARROW. A berry similar to Warfield, but the plant is of the Gandy type; the fruit will remain on the vine several days after ripening without rotting or drying up; very productive, good size, superb flavor; a new variety.

\$2 per doz.

WESTON. (New). Very similar to the Greenville, but a better shipper.

50c. per dozen.

EPING. A grand berry in every respect; new.

50c. per doz.

ADVOCATE (S). Originated in Canada; large size, regular, firm, quality fine, great yielder.

\$1 per doz.

WATSON. New, large, fine and productive.

\$1 per doz.

PRIZE. Great bearer and great runner; healthy, firm, ripens evenly.

25c. per doz.; \$1 per 100.

WEST LAWN A very late variety; fine, beautiful berries.

30c. per doz.

LANAH. A splendid berry from the Southern States.

\$1 per doz.

ERIE. Large, conical in shape, scarlet color; will dry up before it will decay.

25c. per doz.; \$1.50 per 100.

ORANGE COUNTY (P). "It is as early as the Crescent; plant resembles Sharpless in strong healthy growth, very large and showy, a good yielder and of good flavor; color, bright red. It will double the Sharpless in yield of fruit."—H. S. Timbrell, the introducer.

Oct. 14 1894.—"The ORANGE COUNTY did splendidly with me the past season, and was as early as any on my grounds. Perhaps there are berries a trifle earlier, but I know of none as early that has as good a flavor and is as large. It was a common thing the past season to pick them measuring six inches in circumference. I count it my best early berry for a near market. I know of none with better flavor, and none so solid and meaty clear through as this."—H.S. Timbrell. 50 cents per dozen.

BELLE. About five years ago a single plant of this variety was sent me for trial by the originator, Mr. M. T. Thompson (Cleveland Nursery Co). I was so well pleased with it that I purchased the plants and increased the stock. In the spring of '93 I sent it out on trial as "51." Several hundred persons bought one or two plants each, agreeing to report upon it after the fruiting season this year. These reports are now coming in. Some lost their plants by last year's drouth and some their fruit crop by freezing weather this spring, but many had a fair chance to judge of its merits. Most of these think it promising, and some are enthusiastic in its praise. It has a perfect blossom and is late in ripening. It is very productive and the fruit is large. The best specimens are long, but many of the largest are fair shaped and from two to three inches across.—M Crawford.

Of all the new berries introduced since the Bubach, I am quite safe in preferring BELLE. It is a wonderfully fine affair.—E. P. Powell.

BELLE is a dandy here.—Samuel Miller.

BELLE medium to very large; foliage good, but not quite so vigorous as Rio; good stem, berry of good quality and firm.—Peter Collier, Director New York Experiment Station.

The BELLE are fine strawberries, and are doing well here.—E. Kellner, Foreman California Experiment Station.

The BELLE gives promise of being a great variety here; it is a rank, vigorous grower, and the berries are of good size and deliciously flavored.

30c. per doz.; \$1 per 100.

KLICKITIA. Noted for its high quality, and is therefore very fine for home use.

35c. per doz.

BANQUET. "A cross of the wild field strawberry with one of the best of the large cultivated varieties; it combines size and produc-

tiveness with the delicious flavor of the wild strawberry."—Introducer.

This does very poorly with us and we cannot recommend it; it may prove of great value in other sections, however.

30c. per doz.; \$1 per 100.

PRINCETON CHIEF. Originated in Illinois in 1884. The following is the originator's description: "It is a tall, luxuriant grower, with large, dark green foliage, free from rust or disease; very prolific, enduring extremes of heat or cold. It has been tested on different soils for six years; it will grow on any soil the same as the Crescent. The blossom is large and perfect and always sets perfect fruit.

The fruit is produced in great abundance on tall stout stems, which stand up from six to eight inches the entire season, holding its load of berries from the ground; there are no berries on the ground to get dirty, rotten or scalded. The fruit is given the best chance to mature, and ripens all over at once, leaving no green spots or white tips. It is beautiful in color, being of a dark glossy red which alone will make it an ornament for any table. They are so beautiful in appearance that the moment they are put on the market they will sell like hot cakes for the highest price. The flavor is delicious and very sweet, being one of the sweetest of strawberries, it can be called the honey strawberry; while its fine, aromatic flavor, resembling that of the wild strawberry, makes it one of the most delicious of berries."—Originator. Not fruited here.

30c. per doz.; \$1 per 100.

BRADLEY (S). Vigorous grower; fruit large to very large; in form almost perfection; color bright red, high flavor, very firm, enormously productive.

\$1.50 per doz.

BARTON'S ECLIPSE. When I say that this is another Haverland, only earlier and firmer than that famous variety, I have said a great deal, but no more than the truth. In shape it closely resembles the Haverland; it is ten days earlier, equally as large and productive, vastly firmer, and of a fine, rich color. The vigor and vitality of the plant is wonderful. When the freeze came, on March 26th, my Barton field was in heavy bloom and berry. The next day it was black as ink; every bloom and berry gone, and even the plants apparently dead. I would have taken a penny for the crop, plants thrown in. Great was my surprise, however, when they rapidly put out anew, bloomed again and bore a heavy crop of excellent berries, ripening even then with the earliest. Triumphant over heat and cold, wet and drouth it is undoubtedly the general purpose berry of the future. With it a grower can defy drouth. It must supplant all others as a leading market berry.—Blacknell.

‡ doz. 25c.; 75c. per 100.

CRAWFORD. "In color, shape and size this is perhaps the most beautiful berry that

ever glowed a living ruby in its setting of frosted emerald leaves. To do its best they say it must have high culture, but pray what variety must not? A superb garden berry.—Blacknell. Per 12, 25 cents; per 100, 75 cents.

‡ doz. 25c.; 75c. per 100.

RIO. This being the earliest and most beautiful, has been well tried now North and South, and seems to succeed everywhere we have heard of. It is wonderfully productive and ripens up evenly. Once in a while the larger ones are fan-shaped, with a beautiful green double calyx. It is the best shipper. Its beautiful bright scarlet color makes it a favorite with all. It not only has color, but quality.—Thompson's Sons.

‡ doz. 35c.; \$1.25 per 100; \$7.50 per 1000.

SMELTZER EARLY. "Very vigorous and healthy plants. Yielded an abundance of very fine fruit. Similar to Smith's Early in habit of plants and fruit; begins to ripen its fruit early and continues in bearing a long time."—(From 1894 Bulletin of Delaware Agricultural Experiment Station.) We had this in fruit on both our farms, and in each case we picked our first ripe berries from this variety. For so early a berry it is quite productive, decidedly ahead of Michel's Early in both size and productiveness. In quality and appearance it resembles Michel's. Best of all for an extra early strawberry, especially adapted for the South and California.—Slaymaker & Son.

‡ doz. 25c.; 75c. per 100.

GREAT AMERICAN. This only succeeds in certain localities, but where it does it's a grand berry.

‡ doz. 30c.; \$1.25 per 100.

JERSEY QUEEN. A most superb berry in many sections being very large and beautiful, and possessing a very high flavor.

‡ doz. 25c.; 75c. per 100.

TENNESSEE PROLIFIC (S). While not strictly a new variety is not yet generally known and has not received the attention it deserves. It is a seedling of Crescent and Sharpless, inheriting great productiveness from the Crescent and large size from the Sharpless; the berry is firm, splendidly colored and of the highest excellence; the plant makes runners freely, and is vigorous and healthy ably withstanding the sun's scorching rays. In many places this variety is taking the place of all others for a variety that is at once early, extremely productive, and a most excellent shipping berry, combining with these three rare qualities a fine flavor and a noted acquisition to the strawberry list being a staminate. It is an excellent pollenizer for early pistillates as Barton, and is a pronounced success, and has given satisfaction wherever tried. 50 cents per dozen; \$1 per 100; \$6 per thousand.

MAY KING (S). "A seedling of the Crescent, which it strongly resembles both in fruit

enduring foliage and extraordinary productiveness; berry of the size and form of its parent, of the same clear, bright scarlet, with added firmness and earlier than its parent in ripening, which alone makes it extremely valuable. It differs in having a perfect blossom, and is regarded as one of the best standard early sorts." 25 cents per dozen; \$1 per 100.

MEEK'S EARLY (S). "This is acknowledged to be one of the best early berries yet introduced. We welcome such, for there is abundant room for very early varieties of strawberries. As early or earlier than Hoffman's or Michel's Early; of large size and productive. Meek's Early is said to produce all these good properties and to be almost as fine as Hoffman. Plant is a large thrifty grower, with clean, bright foliage. It is of good size, larger than Hoffman or Michel's Early, firm and good in quality. We recommend it to those seeking an extra early variety."

½ doz. 25c.; \$1 per 100; \$4 per 1000.

BISMARCK (S). The description herein given is by the originator. "The Bismark is a seedling of the Bubach No. 5, fertilized by Van Dieman; the plant resembles Bubach No. 5 in every way, but is more stocky and robust, with the same ironclad foliage. The berries are produced in abundance, outyielding Bubach No. 5; shape obtuse conical, never cox-combed, and is the heaviest berry I ever handled; color bright scarlet, no green tips; very firm, good flavor, and shipper; season medium to very late; size larger than Bubach No. 5; excelling Mary, Timbrell, H. W. Bucher, Holland, Sharpless and Gaudy.

½ doz. \$1; \$5 per 100; \$30 per 1000.

FLUSH. We believe nobody will ever regret planting this choice sort. The fruit is of immense size; a glossy and lustrous red color, and is produced in the greatest abundance.

½ doz. 75c.

FOUNTAIN. We have only tried this sort one season, and cannot therefore tell its behavior here. Mr. Brandt, the introducer, states: "Introduced by us and has become famous for its great size and beauty. It is really the largest and handsomest sort grown, the berries being perfect in shape, of the deepest rich ruby color, with a sparkling lustre like glass. Ripens perfectly to the core and is exceedingly sweet and of a most luscious quality. This should satisfy the most exacting. No plant can be healthier or a better grower. The fruit is very large and beautiful and produced in the greatest abundance."

\$1 per doz.

GUIDAS. The new, exquisitely flavored strawberry of Southern California; very early, and a great shipper.

75c. per doz.

BERLIN. Of the Bubach class of berries; very large, dark red; as good a shipper as the old Wilson.

75c. per doz.

SPARTA. A seedling of the Warfield, and a splendid fertilizer for that sort; can be shipped with it.

\$2 per doz.

BRANDYWINE. "This is one of the most valuable ever sent out. It has not a single defect that I know of. The plant is a luxuriant grower, healthy and hardy, and very productive. Blossom perfect. Fruit very large, of good form, bright red all over, and of good quality. Season, medium to very late. It succeeds on any soil."—Crawford.

50c. per doz.; \$1.40 per 100.

AUSTRALIAN CRIMSON. One of the best for a hot climate. It is very extensively grown in Los Angeles county, Cal., and in many other counties in the State. Its main fruiting season in Southern California commences in March, and continues through April, May, June and July; large crops are also harvested in January, provided there is not too much rainy weather. Being so very early, and so extremely late, it is one of the most profitable varieties to grow in a warm climate. It is a most excellent shipper. The fruit averages very large, is of a brilliant crimson color, and most deliciously flavored. The demand for plants of this variety is very great.

We offer heavily rooted plants as follows:—25c. per doz.; 75c. per 100; \$3.75 per 1000.

DOLLAR. A variety of the greatest excellence, sells for from 15c to 20c more per crate than most other varieties. It is very early, large size, a glowing crimson in color, and possesses an exquisite flavor; a fine shipper. It is grown extensively in Placer county, Cal. It is a beautiful grower, with heavy, dark green leaves, to protect the blossoms from frosts and late spring rains. It yields a large second crop in many localities. It is enormously productive. The young runners of this plant give a heavy crop of fruit in the fall, even before they are rooted.

25c. per doz.; 75c. per 100; \$4.50 per 1000.

MEXICAN (ARIZONA EVERBEARING.) A plant with heavy, dark green foliage; fruit enormous in size, cherry red in color, deliciously sweet and highly flavored; a tremendous fruiter; everbearing in Southern California. This will be widely cultivated when better known.

35c. per doz.; \$1 per 100; \$6 per 1000.

COLUMBIAN. A famous variety from Mississippi. A rapid, beautiful grower, berry large size, a deep glowing red, flavor superb; as early as Mitchell's Early, very firm, extremely productive; gives two crops a season in warm climates.

25c. per doz.; 75c. per 100; \$3.75 per 1000.

HOOD RIVER (S). (Clark's Seedling.) A most marvelous variety in all respects. It is of large size, as round as a marble, and of a deep, brilliant red. For richness and high flavor it cannot be equalled. It is also very firm and a marvelous shipper, as it can be

picked when white and shipped to New York, and it will come out a waxy crimson, dotted with golden seeds. This variety is extremely productive and ripens with Mitchel's Early. It took a premium at the World's Columbian Exposition at Chicago for its wonderful beauty and great keeping qualities.

25c. per doz.; 75c. per 100; \$5 per 1000.

FAR WEST. A variety from the State of Washington for which great things are claimed. It is a shuckless variety, a magnificent fruiter; fruits large, long, sweet and of exquisite flavor; one of the finest growing strawberries we have ever seen. We have reason to believe that this strawberry is going to prove of great value.

30c. per doz.; 75c. per 100; \$6 per 1000.

MARSHALL The coming big berry for the North, South, East and West. The fruit is so large that fourteen good specimens fill a box. In coloring, it is a most brilliant red, and has a flavor equal to the wild strawberries, being rich, sweet, aromatic and delicious. So strongly is this wild strawberry flavor marked that it is supposed by the originator to have originated direct from a wild field strawberry. In productiveness it ranks high. The berries are very firm. An extensive berry-grower in Delaware speaks thus of the Marshall: "We have never seen any berry equalling them in appearance; superb color, fine size and perfect shape; a model that no artist could produce who had never seen this berry, and yet one that will be recognized at once as an ideal representative of the most beautiful of all fruits, the strawberry."

50c. per doz.; \$2.50 per 100; \$16 per 1000.

GILLESPIE. A strawberry that does not succeed in all localities. These berries are very large, and tapering in shape; of a wonderful ruby color, with prominent golden seeds. In our large collection of berry plants this is the sweetest variety we ever grew, being also very rich and high flavored. The Gillespie has produced enormous fruits, specimen fruits having measured three inches in diameter (not circumference.) It is not an extra productive variety, but it is a rampant, vigorous grower.

25c. per doz.; 75c. per 100; \$3.50 per 1000.

CHILEAN (S). A strawberry of giant proportions. It is entirely different from all other varieties in both foliage and fruit. The foliage is of a bluish green color, and the leaf stalks are margined with silky hairs. The fruit stalks stand higher than the leaves. The fruit is quite a novelty in itself, being of a wonderful white, slightly shaded a golden yellow, and with very prominent red seeds. On some berries there is a faint flush of crimson on one side. The fruit attains a very large size, specimens being as large as a good-sized hen's egg. It is very rich, sugary and sweet in flavor, but tastes nothing like a strawberry. However, it is highly delicious in flavor, and should be grown in every garden.

15c. each.

BIDWELL (S). A very choice sort, and quite extensively grown in California; very large size, delicious flavor, and very early.

Per dozen, 25 cents; \$1 per 100; \$7 per 1000.

BIG BOB (P). Fruit large size and of excellent quality.

35c. per doz.; \$1.25 per 100.

CLOUD'S SEEDLING (P). Here we have something grand; a most magnificent berry for California soil and climate; a rampant grower, like the Crescent; a tremendous fruiter; berries large, glossy red; flavor very tart; celebrated for its wonderful shipping qualities. It should be fertilized by some great staminate variety like Woolvorton, or Mexican.

Per dozen, 25 cents; 75 cents per 100.

MRS. CLEVELAND (P). A very choice sort for home use. The fruit is very large, bright red in color, and the flavor sweet and rich. Should be fertilized by Woolvorton.

Per dozen, 25c; 75c per 100; \$3.50 per 1000.

ROBINSON (S). A Kansas variety and gives magnificent results in prairie countries; does poorly with us.

25c. per doz.; 75c. per 100; \$3 per 1000.

PEARL (S). A very choice sort gives two heavy crops a season here; very fine for rich valley soils.

25c. per doz.; \$1 per 100.

LONGWORTH'S PROLIFIC (S). Our first experiment with this sort was very unsatisfactory, as the foliage rusted so bad that the fruit was all burned up by the sun. Believing that we did not have the genuine variety, we purchased a lot of plants from a friend in Santa Barbara county, Cal., and these turned out magnificent, the foliage being very healthy and of a rich, vivid green, and entirely free from rust. The fruit is quite large, round in shape, of a glistening red color, and of a decidedly spicy and sweet flavor. Our first lot of plants were old worn-out ones, which no dealer should send out, hence the decided failure. The plants we now have, however, are select, high-grade plants, and in the best possible condition. Our stock of this sort is limited, however, for this season.

30c. per doz.; \$1.20 per 100.

MONARCH OF THE WEST (S). One of the leading market berries on the Pacific Coast. The berries grow as large as a hen's egg, pale red in color, and of a most excellent flavor; very productive.

25c. per doz.; 75c. per 100; \$3.50 per 1000.

LONGFELLOW (S). Grows well with us; said to possess great points of excellence in many sections; is highly prized in the Santa Cruz regions.

25c. per doz.; 75c. per 100.

PARRY (S). This is quite extensively grown in the Santa Cruz regions, where it is a great favorite; also in many other sections of the State. The fruit is very large, of a roundish, conical shape, quite highly colored, and very deliciously flavored. It is very productive and a most excellent shipper.

25c. per doz.; \$1 per 100; \$4.50 per 1000.

NOONAN'S IMPROVED (S). The Florida and Texas market berry; very early.

25c. per doz.; 75c. per 100; \$4.50 per 1000.

GIANT.

\$1 per doz.

DEW DROP. A very late sort.

Per dozen, \$1; \$3 per 100.

IMPROVED WILSON (S). This is so much improved that it is not the Wilson at all, but nevertheless we consider it a variety of great promise.

Per dozen, 25 cents; \$1 per 100; \$4 per 1000.

MURRAY (S). This variety is four or five days earlier than Mitchel's Early, and twice the size, and one of the best shippers known; stock limited; a marvelous variety for the South and California.

75c. per doz.

WESTBROOK (P). A valuable early berry, and a long-distance shipper.

PRINCE OF BERRIES (S). This is celebrated for its high flavor and brilliant color.

25 cents per dozen; \$1 per 100; \$4 per 1000.

KENTUCKY (S). A very superior late variety, which holds its fruit well up from the soil.

Per dozen, 25c; 75c per 100; \$3 per 1000.

WOOLVERTON (S). One of the best (50) staminate sorts known for planting with pistillate varieties, as the blossoms are heavily charged with pollen; the fruit of this sort is very large, a brilliant lustrous red, very sweet and finely flavored; quite productive.

25c. p-r doz.; 75c. per 100; \$4.00 per 1000.

Florence, 75c per doz.

H. W. Beecher (S), a very large and fine sort, which we believe will do well in Calif. 75c doz. Mary, very large, and highly spoken of in the east, has not fruited with us yet. 75c doz.

Holland, a very great yielder of the largest sized berries; it has done well with us so far. 75c doz.

Mt. Vernon, said to be identical to the Shuckless; of great merit. 25c doz; 75c 100.

Price seedling, 35c doz.

Porter (S), 25c d z; 75c 100.

Sterling (S), 35c doz.

Pride of the West, very fine. 30c doz.

Alice, globe shaped, bright crimson berries. \$1 dozen.

Manchester (S), good sized fruits, very subacid. 2c doz. 75c 100; \$3 1000.

Miami: rich, dark red berries. 25c doz; \$1 100.

Photo, a superb new variety sent to us last season; we think well of it after one seasons trial, 75c doz.

Gertrude, a very vigorous grower, and a sort of great promise. 75c doz.

Hudson, this is probably the old Riva Hudson, a variety as old as Wilson's Albany: looks wonderfully like the Brandywine in plant growth, it has not fruited for us yet. 50c doz.

Williams, a Canadian berry of great merit. 30c doz; 75c 100.

Katie, was sent to us as something fine. 50c-12 Graham (S), has a flavor equal to a wild strawberry, but rusts badly. 30c doz.

Melinda, very similar to Longworth's Prolific 35c doz.

British Queen, does splendid in California, large size, excellent flavor, great yielder; it is magnificent in plant growth, entirely free from rust. 35c per dozen; \$1 per 100.

Princess (P), a berry of great and extraordinary merit, a marvelous fruiter, and has been known to yield 43.56 quarts to the acre; fruit very large, of a brilliant red, with a lustre like glass, and has prominent, showy, golden seeds; the flavor is rich and quite sweet; for garden or field culture this will surely please.

25c doz; 75c per 100; \$4 50 per 1000.

Eureka (P), another wonderful berry, and noted for its great productiveness, large size, vondrous beauty, and charming flavor, possessing an aroma like the fragrance of some wild flower: this should be fertilized by Woolverton Hood Liver, or Mexican. 2c-12; 55c-100; \$3.50-4.

Jewell (P), noted for its vondrous size, and superb appearance. 35c doz; \$1.50 per 100.

Wilson's Albany, a very old sort of which we sell immense quantities of plants; fruit large, round, somewhat acid in flavor, very prolific, succeeds everywhere; a splendid canning variety.

Per dozen, 25c; 75c per 100; \$3.50 per 1000.

Belmont (S), an old variety, but possesses many splendid characteristics, such as extreme earliness, firmness and great beauty, as well as high flavor. 30c doz; \$1 per 100.

Fremont, originated in Texas, claimed to be very fine. \$1 per dozen.

None Such, a berry for extreme warm climates, like Florida, Southern California, Mexico, etc. 50c dozen.

Eleanor, very early, large size, one of J. T. Lovett's novelties of 1895. \$1.50 per dozen.

Anna Kennedy (P), described by the Lovett Co. as follows:—Our record shows it to be a cross between Jersey Queen and unknown seedlings; it first attracted attention by its great beauty of plant, the foliage being large, with almost round leaflets, which glisten in the sun light after the manner of the tree laurel. But the fruit is what is truly wonderful;

the almost globular berries are as smooth and regular as though moulded, of the most intense brilliant flame color imaginable, and so glossy that the light plays upon them and is reflected as with jewels; it is extremely rich, sweet, and sprightly; medium to large size, ripens in mid-season." \$1.50 per dozen.

Michigan, a strawberry as large as the Gandy and ripens 10 days later. \$1.75 per dozen.

Phenomenal, highly recommended for hot, dry climates, \$1 dozen.

James Vick, almost unexcelled for productiveness, it must receive the highest cultivation for best results, 35c dozen; \$1.25 per 100.

Gold (P), very valuable on rich clay soils. 50c dozen, \$1.50 per 100.

Old Iron Clad—S, very fine, forms immense stool plants, fruit quite large, and ripens early.

Per dozen, 25 cents; 75 cents per 100.

President Wilder—S, sweet, fine flavor, good bearer. 25c dozen.

Alabama—S a good variety for a warm climate.

Per dozen, 25 cents; 75 cents per 100.

Tippecanoe, a superior berry, that seems to have been overlooked in the great race for a larger and better berry: it is more productive than the Sharpless, and will pass it on an average of large berries. The berries are round, of a bright, glossy red, and of a good flavor. We believe in very dry, warm localities that this is of great value. It is a magnificent grower, and throws out many runners.

Per dozen, 25c; 75c per 100; \$3.15 per 1000.

Furnsworth, celebrated as being one of the finest flavored of all strawberries; very desirable for a family garden.

Per dozen, 30 cents; \$1 per 100.

Rebe, a very choice sort for rich valley soil. 35c doz.

Windsor Chief, an old variety of considerable merit, 35c doz.

Saratoga, gives evidence of being something grand, new, 50c doz.

Liberty, a very old sort, 50c d z.

American Pine, a rare and distinct sort.

Per dozen, 25 cents; 75 cents per 100.

Sunnyside, a celebrated variety from Mass. 50c doz.

Foreign Strawberries.

Noble,—Mr. M Crawford states concerning this very excellent variety:—"I imported the Noble 2 years ago, and fruited it last season, under quite unfavorable conditions; it gave me very fine berries, fully 2 inches in diameter, almost round, of excellent quality, and fine looking. The plant is large, perfectly healthy, a strong grower, sending out a sufficient number of very strong runners. I think the strongest plants on my place are of this variety."

75c doz; \$3 per 100.

The following 7 varieties of strawberries, the descriptions are from foreign growers, are all foreign varieties now being tested in this country. Price \$1 per dozen, if not specified—single plants of each furnished at doz. rates:—

Laxton's Royal Sovereign, a most magnificent and wonderful strawberry, said to be the greatest ever produced in England.

Per dozen 75c; \$6 per 100.

Sir Joseph Paxton, mid season, very large and handsome, good bright color, and being firm in flesh carries well, one of the best for market—thousands of acres being grown for the London and other markets. 30c doz; \$1.20 per 100.

Early Crimson Pine, a superb variety, that gives most wonderful results in British Columbia, from one seasons test of this variety, we must say it is a berry of great merit. 50c doz.

LA FRANCE. "A very large new main crop variety, raised in France, with enormous fruits of first quality and fine form. Flesh firm and white. The fruits are also well sustained above the foliage on stout rigid foot stalks, the variety being unequalled for fertility. A

good grower and giving no small fruits. Forces well. First Class Certificate from Horticultural Society of France."

GUNTON PARK. "Plant very prolific; fruit extra large and one of the handsomest yet raised, in shape varying from cockscomb to obtusely conical, dark crimson scarlet, and of a pleasant brisk flavor; the flesh is firm, richly colored, becoming paler towards the center. A fine early kind very useful for forcing and bearing in long succession. First Class Certificate from Royal Horticultural Society, July 21st, 1892; also at Edinburgh, Wolverhampton and Earl's Court Exhibitions, 1892."

CARDINAL. "A very distinct new second early variety with large and well-shaped broadly conical fruit of exquisite flavor, probably the sweetest strawberry yet raised. Flesh firm and creamy white in color, scarlet externally. Plant very vigorous and quite hardy. Very fertile and continuous in bearing. The leaf stalk hairy and the foliage strong. A very useful fruit on account of its high quality combined with size and early maturity."

LATEST OF ALL. "A grand seedling from British Queen, crossed with Helena Gloede. The fruit is very large, considerably exceeding in size that of either parent, and is certainly the finest flavored and largest late strawberry yet introduced. The flavor vinous, yet luscious, and quite equal to that of British Queen, but ripening several days after it. Certificate of Merit. Royal Horticultural Society Fruit Conference, 8th July, 1891."

SCARLET QUEEN. "The handsomest, brightest colored, richest flavored and best early strawberry yet introduced. A very early seedling from Noble, fertilized by King of the Earlies, and coming in between these two fine early sorts. Fruit large, well formed and of handsome conical shape. Color a bright vermilion scarlet, which is retained after picking and transit. Flesh firm, yet juicy, and of a rich, full, vinous, Queen-like flavor. Habit strong, with bold bright green and nearly smooth foliage. A very prolific and amply vigorous variety, and a splendid early table and market strawberry. Certificate of Merit Royal Horticultural Society Fruit Conference, July 8th, 1891."

MOREAU. "This well-known French variety is par excellence, the strawberry grown in France for market, forcing and general cultivation. The quality is excellent, the fruit highly colored, travels well, and the plant is hardy and vigorous."

Alpine Strawberries.

These are very fine, and no garden is complete without them; they are small in size, but great and regular bearers, and are the very best for home use where something fine is wanted; they are not as good to eat out of hand as the larger sorts, but when served with sugar and cream, or made into a short cake, no berry can equal them. It is true that they are tedious to pick, on account of their smallness, but then you can have them from the earliest spring until late in the fall, in the greatest abundance.

RED ALPINE—long, dark crimson, high, aromatic flavor, great yielder. 15c doz; 40c per 100.

WHITE ALPINE—same as the above, but a beautiful yellowish white in color. Price same.

WHITE NOVELTY—large sized. 50c doz.

RED BUSH ALPINE a wonder ul berry, having no runners, but growing into immense stool plants; fruit very similar to Red Alpine; enormous yielder, single plants in New York state having yielded one pint of berries at a picking in November! These are fine plants for borders, as they throw out no runners, and are singularly beautiful ornamental plants, when loaded with their dense loads of fruit; they are grown easily from seed. Seed per pkt. 25c.

WHITE BUSH ALPINE. Same as above only the fruit is white. Seeds per pkt. 25c.

SIERRA RED ALPINE. A choice wild strawberry from the Sierra Nevada mountains, Calif., possesses a very high tartish, aromatic flavor, valuable only for experimental purposes. 20c. doz.

RED and GOLD ALPINE. Of very little value, except to experiment with. 20c. doz.

WHITE WOOD ALPINE. Same as the Red Alpine, except the berries are round, instead of oblong like the others.

RED WOOD ALPINE. Round red variety; price of the Red and the White Wood Alpine plants \$1 per doz.

ROYAL HAUTOBOIS (S). A most distinct type of strawberry; the fruit is of good size, light purplish red in color, with a flavor like a catawba grape, being rich and musky; the Hautbois is a great yielder. 75c. per doz.; \$2.50 per 100.

BELLE BORDÉLAIS. A variety of the Hautbois, with very ornamental foliage; fruit medium size, juicy, and with a high musky flavor; a splendid table variety. \$1.25 per doz.

MEXICAN ALPINE. The wild strawberry of Mexico, which is very extensively cultivated in that country; it is of fair size, of a very rich musky flavor and a great yielder. 50c. per doz.

BELLE DE MEAUX, or Black Alpine. A black strawberry of fair size, which will bear enormous crops all season long in any climate; this fruit possesses the mystic, delightful flavor of the wild Alpines; will grow readily from seed, and produce true to name. Seed 20c. per pkt.

RASPBERRIES.

Prepare the land for raspberries the same as for strawberries; have the rows 7 feet apart, and plants 3 feet apart in the rows. If the canes are to be trellised, allow them to grow as long as possible; if they are to be staked, pinch off the young canes when 3 feet high, and the following spring the young laterals should be pruned within 12 inches of the cane, work in an abundance of manure each spring; cut out all old wood in the fall of the year.

THE FRENCH EVERBEARING RASPBERRY.

FRENCH EVERBEARING. Is one of unusual merit, and quite distinct from the average red raspberry. It undoubtedly forms larger bushes than any other red variety known; the leaves are a dark green and the canes are just immense in size. This is a strange and unique raspberry, as it gives three enormous crops a season; the fruit averages of the largest size, being about one-third larger than the Cuthbert; the fruit is singularly beautiful and attractive, being a glowing, brilliant red, and frosted with a white bloom. The flavor is superb, being rich, sweet, spicy, aromatic and delicious, melting in the mouth with no hard core at all. This marvelous berry furnishes fruit in the greatest abundance, from early spring until the snows of winter set in. It is of decided merit as a shipping berry, standing travel splendidly, and when placed in market sells itself by its wondrous beauty. This great raspberry is of French origin, being imported from France by one of California's leading nurserymen. As it is such a valuable fruiting raspberry, the plants of this sort will be rather scarce for several years, as persons who purchase plants will prefer to increase their plantations, instead of disposing of their surplus plants. We consider this variety the best all purpose raspberry of any offered at the present day. We believe it is cosmopolitan in character—standing all climates alike; the extreme cold of the east and the scorching sun of the south.

Price, single plants 20c. each; \$1.80 per 100.

FIRST AND BEST. We are pleased to be the introducers of such a valuable raspberry; this variety is widely different from all other raspberries, because the fruit buds spring direct from the old wood; whereas in all other varieties of red raspberries the old plant first makes a new growth before any fruit buds appear. In the very earliest of spring the First and Best is ready to bloom—long before strawberries are in bloom in many cases, if the first blossoms are killed by frost, a new crop of



R. H. SMITH & CO. CHICAGO.

bloom immediately appears, and if this one gets killed, another burst of bloom will spring forth, so that practically you will always get a crop, even if killed half a dozen times. This most remarkable raspberry ripens with the earliest strawberries, and in some sections we believe it will ripen before. It is a very productive sort, of a clear, bright red color, good size, and possesses an exquisite flavor; the season of fruiting is about six weeks; the fruit retains its size until the last. It is at once noted that a red raspberry ripening so early is a great money-maker, as the first fruit in market commands big prices and sells readily. This raspberry we have good reason to believe will prove hardy throughout the United States.

Single plants, 20c. each; \$1.80 per 10.

KELWAY'S QUEEN. A choice fruit of singular beauty, and of very high quality.

Single plants, 50c. each.

SMITH'S GIANT BLACK. Each, 50c.

BLACK HILLS RED. A very hardy sort, 25c. each.

WADE, BLACK. Each, 15c. each.

HUMBOLDT RED. A native red raspberry of California; fine, 25c. each.

OCTOBER YELLOW. A most superb sort, should be mowed down early in the spring, and in October and November it will give an enormous crop; these plants have crinkled beautiful foliage. Per 12, \$1.50; single plants, 25c.

OCTOBER RED. Same as the above, but the fruit is red; per 12, \$1.50; single plants, 25c. each.

CATAWISSA. A red raspberry, which is also a wonderful fall yielder, if mowed down in early spring; per 12, \$1.50; single plants, 25c. each.

AMAZON. Large, purple red fruit, very rich in flavor; a dwarf grower; yields a large crop in the fall if the canes are mowed down in early spring; per 12, \$1.50; single plants, 25c. each.

YELLOW ANTWERP. Very large, pale yellow, fruit of a sweet and rich flavor; very productive; per 12, \$1.

CHAMPLAIN. A great yielder; fruit yellow; in flavor it is simply wonderful; single plants, 50c. each.

HUSTINE. Too tender for eastern climate; fruit very large, sub-acid flavor, a wonderful yielder; per 12, \$1.

HORNET. A most superb French variety; large, conical, crimson fruits; delicious flavor; season very late; no doubt hardy throughout the United States. Per 12, \$1.50; single plants, 25c. each.

BRINKLE'S ORANGE. Noted for its high delicious flavor; plant tender, but can be easily protected, and it will flourish in the most rigorous climate. Per 12, \$1.

KNEVETT. Large, red, juicy, soft. Per 12, \$1.

SUPERLATIVE. Very large, six good fruits weigh one ounce; fruit conical, dull red color, canes very large and powerful, and therefore self-supporting. Single plants, 50c. each; \$3.50 per 12. Very hardy.

AMERICAN EVERBEARING. A very superior type of the black cap raspberry. Per 12, \$1.

CROMWELL. Fruit black, very delicious and fine. Per 12, \$1.

OHIO. A very fine, sweet black cap, and one that does well in California. Per 12, 50c; per 100, \$1.50; per 1000, \$8.

GREGG. A standard black cap; does well with us; per 12, 50c; per 100, \$1.50.

EARHART. A heavy continuous fruiter, from early spring until the snow comes; jet black, sweet and fine; per 12, 75c.

JOHNSON'S SWEET. The sweetest black cap known; per 12, 75c.



MILLER RED RASPBERRY.

Here is an instance of one of the good things of life which has been kept from the public for some years by a few growers,

who preferred to market the fruit rather than sell the plants. This berry has been fruited for some years past, and would probably have remained in seclusion for a long time to come if it had not been brought to public notice by a few enterprising fruit men, who desired that the horticultural world should know more of its good qualities and reap some of the profits thereof. Only a short description is necessary.

The bush is a stout, healthy, vigorous grower, not quite so tall as Cuthbert, but rather more stocky and dwarfish. It is well calculated to hold up the immense crops of fruit with which it loads itself.

As compared with Cuthbert and Thompson, growing in the same field, it has never yet shown any signs of winter killing, whilst

Berry is as large as Cuthbert, holding its size does not fade, but will hold its color after shipment longer than any other red variety; core very small, does not crumble, making it the **finest and best shipping berry in existence**; has not the flat taste of some varieties, but a rich, fruity flavor entirely its own. The time of ripening is with the very earliest, the first picking being with Thompson's Early, June 11, the Miller producing double the quantity of berries at each picking that Thompson's did, in the same field, under the same conditions, continuing until August 3—Thompson having been gone three weeks; fully as prolific as Cuthbert. It does not seem particular as to soil, having been fruited on light, sandy, gravelly and heavy clay soils with equal success. Each, 20c; \$1.25 per 12; \$8 per 100.

these have both suffered considerably in mild winters,

to the end of the season; round in shape; color bright red, does not fade, but will hold its color after shipment longer than any other red variety; core very small, does not crumble, making it the **finest and best shipping berry in existence**; has not the flat taste of some varieties, but a rich, fruity flavor entirely its own. The time of ripening is with the very earliest, the first picking being with Thompson's Early, June 11, the Miller producing double the quantity of berries at each picking that Thompson's did, in the same field, under the same conditions, continuing until August 3—Thompson having been gone three weeks; fully as prolific as Cuthbert. It does not seem particular as to soil, having been fruited on light, sandy, gravelly and heavy clay soils with equal success. Each, 20c; \$1.25 per 12; \$8 per 100.

MAMMOTH CLUSTER. Large, jet black, with a rich purple bloom; very juicy and high flavored; per 12, 75c.

HILBORN. A large sized black cap, very early; per 12, 75c.

SOUHEGAN. A large sized black cap, great yielder, very early, one of the hardest known; per 12, 75c; per 100 \$1.50.

TYLER. Fine quality, great bearer, a black cap; per 12, 75c.

CARMEN. Jet black, very productive; per 12, 75c.

PALMER. A very choice black cap; per 12, 75c.

PROGRESS. Large, black, firm, delicious flavor; per 12, 75c.

LOVETT, or \$1000.00 Raspberry. A most noted and wonderful black cap; per 12, \$1.

DOOLITTLE. An old favorite, fruit black; per 12, 75c.

COURATH. A new black cap of great merit; per 12, \$1.50.

OLDER. A favorite black cap in many sections; per 12, \$1.

HASKINS. Fruit black; we do not know much regarding this berry; it is well recommended however; per 12, 75c.

MOHLER. A very choice black cap but recently introduced; single plants, 25c each.

MILLS No. 15. A black cap of great and extraordinary merit, noted for its great productiveness; per 12, \$1.25.

ONONDAGA. A very superior black cap in all respects; this is one of Mr. Mills' celebrated novelties; single plants, 50c. each.

NEHAMA. An old favorite, black cap; per 12, 75c.

WINONA. A black cap of more than usual merit; per 12, \$1.



GAULT PERPETUAL RASPBERRY. The greatest novelty in small fruits. Fruit immense size; commences to ripen with Gregg, continuing until frost. Plate made from photograph of tip cut September 21st, 1893. Young canes frequently produce clusters of 90 to 100 perfect berries. Each, 40c.



SCHAEFFER'S COLOSSAL RASPBERRY.

SCHAEFFER'S COLOSSAL. Is a large, purple berry, with a delicious, sub-acid flavor; it is the best canning berry known, and is grown very extensively for that purpose; will succeed in all soils and locations. In yield it can hardly be surpassed by anything; it is a cross between the black cap raspberry and the red ones. Per 12, 50c; per 1000, \$8.

COLUMBIAN. Is claimed to be a rival to the Schaeffer's Colossal. Just now it is being widely advertised by American nurserymen; we have heard no unfavorable reports of it yet; fruit is of a fine purple color, almost an inch in diameter; plants are great yielders and luxuriant growers, attaining a height of 16 feet. Single plants, 50c.

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KANSAS. A most superb black cap; per 12, \$1.

CANADA. A very old black cap; per 12, 75c.

SMITH'S PROLIFIC. A splendid sort for drying or evaporating; fruit borne in large clusters; jet black color, superb flavor; per 12, 75c; 100, \$3.

AMERICAN WHITE. Probably a sport from some black cap variety; flavor like a black cap; fruit average color, not very productive; single plants, 50c. each.

SILVER QUEEN. Very delicate flavor, fruit pale yellow, medium size, not hardy; single plants, 50c.

GOLDEN DEWDROP. Grows in a trailing, prostrate form; is a rank, luxuriant grower, has not fruited with us yet; single plants, \$1 each.

GOLDEN ALASKA. Gives evidence of being something fine; it has not fruited with us yet; single plants, 50c.

FRANCONIA. A very old red sort; per 12, \$1.

CUTHBERT. The best red raspberry for all sections, as it seems to succeed everywhere; fruit good size, delicious and fine. We have a fine, large stock. Per 12, 50c; per 100, \$1; per 1000, \$7.50.

HUDSON RIVER ANTWERP. Large, firm fruits, a most wonderful shipper. Per 12, \$1.50.

CLARKE. Very high flavored, light red color; productive and very hardy. Per 12, \$1.50.

FASTALF. Purple red, large, fine flavor, juicy, rather soft. Per 12, \$1.50.

BRANDYWINE. Splendid market sort, large, bright red, fine quality, season medium. Per 12, 50c; per 100, \$3.

GOLDEN QUEEN. A sport from the Cuthbert; this is the most magnificent raspberry that we have ever tested; that is, in the line of yellow raspberries; the flavor is extremely delicious, being spicy, rich, sweet, with a most wonderful wild wood aroma. Visitors to our place pronounce this the Queen of all raspberries for rich high flavor. The fruit of this sort is of a glowing, silvery yellow color, and large size. We believe that this sort will yield more fruit at one crop than any other variety that we have. Per 12, 50c; per 100, \$1.25; per 1000, \$7.50.

HASSELL. Very early; large size; a great shipping berry; per 12, \$1.50; per 1000, \$8.

MARLBORO. Another grand early berry, ripening just after the Hassell; per 12, 50c; per 100, \$1.50; per 1000, \$8.

TURNER. This sort gives us magnificent crops; it is a rank, vigorous grower, and gives fruit for a very long season. The berries are of honeyed sweetness, of large size, a brilliant red color, and quite firm. We can recommend this as being very fine for California soil and climate. Per 12, 50c; per 100, \$1.25; per 1000, \$7.50.

CRIMSON BEAUTY. A most desirable sort, large size, bright glossy red, great yielder, and possesses a fascinating, tartish flavor; per 12, 50c; per 100, \$1.25; per 1000, \$7.50.

HIGHLAND HARDY. Very early sort; large, red, fine flavor; per 12, \$1.25.

PHILADELPHIA. Extreme large size; great shipper and yielder; per 12, \$1.

RANOCAS. Enormously productive; bright red, very early, fine shipper; per 12, \$1.

SCARLET GEM. Noted for extreme earliness; per 12, \$1.

MARION'S FAVORITE. A magnificent and wonderful yielder; fruit large, red, and deliciously flavored; new. Single plants, 25c; per 12, \$2.

LONDON RASPBERRY. The Wisconsin wonder; a large, red raspberry of great productiveness and great hardiness. Single plants, 25c. each; \$2 per 12.

ALL-SUMMER RASPBERRY. Of the same type as the French Everbearing. It is a very valuable red raspberry. Single plants, 10c; per 12, \$1.00.

ROYAL CHURCH. A red raspberry of enormous proportions; great yielder; highly flavored and very hardy. Per 12, \$1.

THOMPSON'S EARLY PROLIFIC. A very choice, early sort; bright red color; large size and very fine. Per 12, 75c; per 100, \$2.25.

PRIDE. A very early red sort; single plants, 75c; new.

BARTER. Very productive; splendid market berry; fruits nearly an inch in diameter; brilliant red color; delicious flavor. Per 12, 50c; per 100, \$1.50; per 1000, \$8.

SURPRISE. A splendid red raspberry; per 12, \$1.

PHENIX RASPBERRY. Noted for its great beauty, large sized fruits and its extreme productiveness; new. Single plants, 50c. each.

LOST RUBIES. A desirable red raspberry; \$1 per 12.

MILLER'S WOODLAND. Another very choice red sort; per 12, \$1.

PRIDE OF KENT. A very choice English sort; fruit large; superb flavor. Per 12, \$1.

BRISTOL. Per 12, \$1.

SUPERB. A very old red variety. Per 12, \$1.

RELiance. Small to medium size; bright crimson color. Per 12, \$1.

GLADSTONE EVERBEARING. We are highly pleased with this sort, as it gives marvelous results in California. It is a great yielder; fruit is of large size; a bright, reddish purple in color, and it possesses a magnificent flavor. It yields a heavy crop in early spring, and again in the fall. The young canes give a crop almost equal to that of the old growth. Per 12, 50c; per 100, \$1.25.

RUBUS ROSAEFOLIUS Smith.

THE STRAWBERRY-RASPBERRY. This is called the novelty of novelties, a strange and beautiful shrub or bush, with the foliage of a rose and bearing huge fruits like a strawberry, of a rosy red color, and most deliciously flavored. The bush grows after the manner of a raspberry, and commences to bloom when only a few inches high, as soon as set out, and continues to ripen fruit until late in the fall.

This fruit is considered a great acquisition to the list of small fruits, and is destined to become a standard market berry, as it can be utilized for every purpose that strawberries or blackberries are used.

The plant is quite hardy, and will no doubt succeed in every part of the United States, and a great sale is predicted for this new fruit this season. A native of tropical and sub-tropical Africa, Asia, and Australia, ascending the Himalayas to 10,000 feet.

Single plants 25c. each; 10 for \$2; \$18 per 100.

HIMALAYAN, a wild raspberry from the Himalayan mountains; a rank, vigorous grower, and attains a height of 10 feet, with canes an inch thick; the fruit is of good size, a brilliant yellow, very sweet and fine; this var. is very productive, and one of the best for a very warm climate where other sorts are scorched up by the intense heat. Stock limited. 35c. each.

MYSTERY raspberry, new, and may prove of great value; fruit black, flavor excellent, each 30c.

BLACKBERRIES.

RUBUS FRUCTICOSUS Linnaeus. The ordinary blackberry or bramble; native throughout Europe, Northern and Middle Asia, and North and South Africa; "it likes, above all, calcareous soil, though it is content with almost any," requires the same culture as the raspberry.

CRANDALL'S EVERBEARING, or Texas Hybrid. A choice sort, extensively grown in California, and probably the very best for extreme warm climates—of no value in cold localities; low growing; fruit very large, deliciously flavored, and very sweet; is borne in the greatest abundance from early spring until quite late in the fall. This variety is in heavy demand in Southern California and Arizona.

Per dozen, 50c; per 100, \$2.50; \$15 per 1000.

ANCIENT BRITTON. Really a very fine sort, large size, melting, sweet and rich.

Per dozen, 75 cents; \$2 per 100.

DORCHESTER. A very old sort, and excelled by very few for productiveness. 75c. per doz.

EARLY CLUSTER. A vigorous, healthy grower; fruit large and without any hard core. 75c. per doz.

STONE'S HARDY. Medium size, good quality. \$1 per doz.

WACHUSETT. A choice thornless variety. 75c. per doz. \$1.00

THOMPSON'S EARLY MAMMOTH. A trailing blackberry; should be trained on a trellis; fruit very large and of excellent flavor. 75c. per doz. \$1.

LINCOLN. Late; fine quality. 75c. per doz.

LEADER. 25c. each.

EL CAPITAN. The best blackberry with which we are acquainted; yields a heavy and continuous crop of fruit for about three months, outrivalling in productiveness all other sorts; fruit large, jet black, vinous and sweet; very heavy canes, which attain a sturdy, tree-like form.

The demand for this variety will be immense when it is better known. 50c. each.

The following 4 varieties are 75c. doz.; 100, \$2 AGAVAM. Flavor equal to that of the wild blackberry; very productive, and ripens early.

EARLY HARVEST. Quite early, very productive; berries sweet and highly flavored.

WILSON JUNIOR. An improvement upon Wilson's Early.

ERIE. A very choice sort, berries very large and most deliciously flavored; a splendid market berry. 50c. per 100 each. Gray

The 8 following are 75c. doz.; \$2.50 per 100:

FREE. Quite hardy and productive. 75c. doz.

KITTITANY. A most magnificent sort; very large is ripe as soon as black; flavor sweet, rich and aromatic. Continues a long time in bearing.

LAWTON. The standard market berry; fruit jet black, large; extremely productive, and succeeds in all localities.

MINNEWASKI. A very choice sort; fruits large, roundish, deliciously sweet; a heavy bearer.

SNYDER. A very distinct sort, yielding large crops of medium-sized, superbly-flavored berries; very early.

TAYLOR. Of the largest size, fine quality; very productive, and quite hardy.

WILSON'S EARLY. A valuable sort for market or home use.

EARLY KING. Large, sweet, and very productive.

CRYSTAL WHITE. A pistillate sort that should be planted near other varieties to secure good crops. Fruit white and of a pleasant and delightful flavor. \$1 per doz.

SILVER STAR. A very rare "white blackberry." 75c. each

OHMER. A very superior sort; fruit of enormous size, a glossy jet black, with a rich, high flavor. Very productive. One dollar per dozen.

CHILD'S TREE, OR TOPSY. We do not see the use of calling this a tree blackberry, as many of the vigorous growing sorts can be trained into tree forms. This variety is a great and abundant bearer of the choicest fruit. 2c. each, \$1 75 per doz.

MAXWELL'S EARLY. A most remarkable sort; fruit 3 times as large as Early Harvest; rich, sweet and luscious. This variety ripens before strawberries are gone; very heavy cropper. Will be widely planted when better known. 10c. each, 3-25c, 12-75c, 100-\$3, 1000-\$25.

EL DORADO. Fruit enormous, possessing a rich, sweet, pleasant flavor. 25c. each, \$1 75 per doz.

SPALDING. A noted sort, from Texas, valuable only in warm climates. 25c. each.

DALLAS. Vigorous, drooping, thorny, bearing fine fruit splendid for a warm climate. 10c. each.

SACRAMENTO RIVER. A choice wild sort, collected in the Sacramento Valley, California. 75c. doz.

WASHINGTON. A superior wild sort, collected in the State of Washington. 75c. doz.

OLE BILL. Claimed to be the largest of all blackberries. 30c. each.

WILD SWEET. A superb table fruit, small in size, but very rich and sweet flavor. 10 for 50c.

HUMBOLDT. A distinct type of blackberry, and one of the greatest value. The vines grow in a trailing form along the ground, and continue to form larger vines each year, as they do not die down like the common blackberry. The fruit is entirely different from that of Eastern varieties, possessing a wildwood aroma, rich, sweet, spicy and aromatic flavor. Very prolific. The fruit sometimes one and one-half inches long, of a beautiful reddish black.

On account of the strange, peculiar aroma and delightful flavor, they are highly prized for canning, and make fine jams, jellies, etc., and excellent for immediate table use. 25c. each.

OREGON CUT LEAF, or EVERGREEN. Quite a distinct variety, with beautiful ornamental foliage, the vines growing year after year like a grapevine. The first fruit borne is quite poor and inferior, but when well established, at about three years of age, the vines yield enormous crops from the first of August until late in September. Old plants will cover a large area of ground, or may be trellised, and a single plant will yield in one season from 25 to 40 gallons of fruit, the berries of fair size, very sweet, and of a rich vinous flavor. 1-10c, 3-25c, 12-75c, 100-\$5, 50, 1000-\$40.

COSUMNES. A wild blackberry, discovered on the Cosumnes River, California, and noted for its luxuriant growth and productiveness, and the large and superior flavored fruit. 10c. each, 75c. per doz.

N. A. Dewberries.

RUBUS CANADENSIS Linnaeus. The Dewberry of North America. A shrub of trailing habit, with black fruit, of excellent flavor, that ripens much earlier than the blackberry.

The Dewberry is a profitable berry to raise, and readily commands a good market price.

LUCRETIA. A very choice sort, fruit one and one-half inches long, and nearly an inch in diameter, jet black, very sweet and luscious, rivaling any blackberry. Very hardy. 75c. per doz.; \$2 per 100; 15 00 per 1000.

MAMMOTH WHITE. A superb fruit of enormous size, beautiful white in color, with a rich, sweet, honey-like flavor; very productive. This is a tender plant, recommended only for the hot interior portions of California and the Southern States. 5c. each; 50c. doz.; \$3.50 per 100; \$25 per 1000.

BARTEL'S MAMMOTH. Very large, deliciously flavored berry. One dollar per dozen.

MANATEE. A most marvelous variety for warm climates; yields at the rate of 250 bushels to the acre; ripens in April. 10c. each; 10 for 80c.; \$7.50 per 100.

LONG STAR. A variety of great merit; fruit black. 50c. each.

TEXAS WHITE. A very superior variety, berries white. 50c. each.

SIERRA RED. Fruit small; of value only for experimental planting. 10 for 50c.

SIERRA YELLOW. Fruit yellow, otherwise like the Sierra Red. 10 for 50c.

MAY'S DEWBERRY. A splendid Texas sort. 25c. each.

SONOMA. A fruit of great merit; berries large, reddish black, sub-acid, musky, aromatic flavor, quite delightful to most tastes; very prolific, ripening with raspberries and bearing quite late in the season.

The Logan Berry, after testing it, we would pronounce identical with this wild California dewberry, and not a cross with a cultivated raspberry, as has been widely advertised. As the Sonoma Dewberry has been known for at least 25 years, the name Logan Berry should be dropped.

Single plants 25c. each.

Cranberries.

VACCINIUM MACROCARPON Aiton. A trailing evergreen bush, with stems attaining a length of 3 feet. Enormous quantities of this fruit have been produced by regular culture, with great profit. The berries are of acid taste, pleasant aroma, bright scarlet in color.

Considerable interest is now being manifested in the culture of the cranberry. It may readily be grown on upland soil, as well as on damp, boggy land. For upland planting, cover the ground about 3 inches deep with sand; arrange rows 18 inches apart so that they can be readily irrigated; set the cuttings 12 inches apart in the rows, and irrigate 3 times a week; keep free from weeds, and in 2 years they will cover the ground, and will produce 3000 lbs. of fruit to the acre the first year, double that amount the second year, and from half a ton to a ton and a quarter each succeeding season.

Planting can be done from September to November, and from February until May, according to the locality. For bog planting, drain off the water to a depth of a foot; pare off the surface and cover with 4 inches of sand, and set plants out 12 by 18 inches apart. Cuttings only are used in establishing new plantations; these grow very easily.

FAY'S Prolific Cherry, and **White Grape Cranberries** are the best three varieties that succeed everywhere; other varieties possess great merit and succeed in sections favorable to their development.

FAY'S PROLIFIC. Good size, clear cherry red, delightful flavor; a great yielder.

10c. each; 75c. for 10; \$5 per 100; \$40 per 1000.

CHERRY. Sub-acid, large, brilliant red fruit, very fine.

30c. 12; 60c. 100; \$4.50 per 1000.

WHITE GRAPE. Large, white berries, very productive.

30c. doz.; 60c. 100; \$4.50 per 1000.

BELL. Dark red, earlier than Cherry. A **TREE CRANBERRY.** Not a true cranberry. Yields an abundance of fine berries of a juicy, acid flavor; brilliant red; a fine substitute for the swamp cranberry. Attains the height of a small tree, and very ornamental.

25c. each.

Currants.

CURRENTS should be planted on rich soil, and in countries deficient in natural rainfall they should receive abundant irrigation. Every spring fertilize the soil thoroughly. Cut out all old wood as fast as it begins to decline and trim the young growth well. Plant any time from November 1 to April 1, four feet apart in rows five feet wide.

RED DUTCH. Medium-sized fruit, borne in large bunches.

10c. each; 10 for 75c; \$5 per 100; \$40 per 1000.

WHITE DUTCH. Similar to the Red Dutch, except in color.

10 for 75c; \$5 per 100.

BLACK CHAMPION. Choice black, English sort.

15c. each.

LA VERSAILLES. Excellent flavor, large, red.

10 for 75c.

The 4 following varieties, 75c. for 10.

BLACK NAPLES. Large size, great yielder, black.

LEE'S PROLIFIC. A choice black currant. **VICTORIA.** An excellent, very late, red currant.

CRANDALL'S BLACK. Large black currant, with musky flavor; a great yielder.

NORTH STAR. A new red cast that is being widely planted.

25c. each.

IMPERIAL YELLOW. The best yellow currant.

30c. each.

BLACK ENGLISH. A good yielder.

10c. each.

LONDON RED. A choice red sort.

25c. each.

MOORE'S RUBY. Large, red, delicious flavor; an American variety, new.

30c. each.

PRINCE ALBERT. A red currant of fine quality.

40c. each.

WHITE GONDON. Large white currant.

25c. each.

RED GONDON. An excellent sort for a hot, dry climate; large, red and very productive.

1c. for \$1.

PRESIDENT WILDER. Splendid new red currant.

25c. each.

KNIGHTS'. Large, red; a choice but little-known sort.

30c. each.

GLORIE DES SABLOONS. A most remarkable currant, distinctly striped red and white.

30c. each.

WHITE IMPERIAL. A large, rich, white currant, sweet and very productive.

BELLE DE ST. GILES. A fine new currant, as large as a cherry and four times as

Gooseberries.

RIBES GROSSULARIA Linnaeus. The gooseberry-bush of Europe and Asia.

The demand for choice varieties of gooseberries is very great at present, as it has been demonstrated to a certainty that when well grown it is a profitable fruit to raise. A good plantation of gooseberries will last 50 years.

Plant four feet apart in rows about eight feet apart, trim back well in early fall, and keep the center of bush well trimmed out; the ground should be enriched by the application of an abundance of well-rotted barnyard manure, which should be thoroughly worked into the soil early each spring.

FOR MILDEW on English sorts, spray with the Bordeaux mixture when first in leaf, and again 2 weeks later.

CORLISS SEEDLING. The best gooseberry we have ever tested. Fruit of enormous size, glowing yellow when ripe, and very deliciously flavored; extremely productive. Free from mildew.

35c. each; 10 for \$2.50; \$20 per 100.

OREGON CHAMPION. Very productive; fruit of medium size, rich sub-acid; succeeds everywhere; no mildew.

10c. each; 10 for 80c; \$5 per 100; \$40 per 1000.

BIG BOY. A celebrated gooseberry, that excited great interest at the Columbian Exposition because of its gigantic size. No mildew has appeared yet.

We control the entire stock; \$1.50 each.

COLUMBUS. Very fine, pretty, yellow fruit; prolific; no mildew.

75c. each.

KELWAY'S ROYAL. A very rare red var. 40c. ea.

DOWNING. Medium-sized fruit, light green; very prolific.

10c each; 10 for 75c; \$5 per 100.

HOUGHTON'S SEEDLING. Small or medium sized, pale red, fruit; succeeds everywhere. No mildew.

10c each; 10 for 75c; \$5 per 100.

MOUNTAIN SEEDLING. Large, dark red fruits.

25c.

GOLDEN PROLIFIC. Fruit one and three-quarter inches in length, clear golden yellow, of superb flavor; very prolific.

40c each.

SMITH'S IMPROVED. Light green, sweet, and pleasant flavored fruit.

25c each.

CROWN BOB. Large, red fruit.

50c each.

TRIUMPH. Fruit golden yellow, large, fine flavor.

75c each.

RED JACKET. A choice American seedling; bears large red fruit; no mildew.

35c each.

PALE RED. Fruit red, medium size; a very prolific American seedling, not subject to mildew.

40c each.

INDUSTRY. As large as small plums; rich dark red; delicious flavor; very prolific.

40c each.

KEEPSAKE. Fruit large, green; a vigorous grower.

50c each.

LANCASHIRE LAD. Large, clear bright red, of excellent flavor.

50c each.

WHITESMITH. Large, yellowish fruit; fine quality.

50c each.

CHAUTAUQUA. Fruits $1\frac{1}{2}$ inches long, pale yellow, very fine.

\$1.25 each.

PEARL. A Canadian gooseberry of great excellence; prolific bearer and a general favorite.

40c each.

SIERRA YELLOW. Fruit a clear golden yellow, otherwise identical with Sierra Red Gooseberry.

35c each; cuttings, which grow and root readily.

5c each, the following the same price.

YOSEMITE. A brilliant dark red, and very thorny fruit.

SIERRA RED. Fruit of enormous size, orange red; aromatic, high flavor; very prolific bearer. Plant very ornamental.

KELSEY. Large, excellent fruit; slightly subject to mildew.

50c each.

AUTOCRAT. An excellent new variety.

\$1 each.

QUEEN. New, \$1 each.

PHYLLANTHUS DISTICHUS Muell. Otaheite gooseberry; an East Indian shrub or small tree, bearing bunches of waxy white berries, sharp acid taste, excellent for pies, etc. Requires a warm climate; ripens in mid-summer.

60c each.

LETELLIER'S THORNLESS. Large thornless gooseberries, grafted upon Ribes aureum, a wild currant of France; these plants are imported, which accounts for their high price. The wild currant of the Sierras is excellent stock for grafting gooseberries upon, as it attains the size of a small tree; cuttings of this currant, 5c; \$2.50 per 100.

LETELLIER'S BELLE DE MEAUX. Large, intensely red fruits, lightly sugared and sourish.

\$2.50 each.

MAD. ED. LEFORT. Fruits $1\frac{1}{2}$ in. in diameter, vinous, red, good flavor. \$2.50 each.

EDOUARD LEFORT. Bright red, excellent flavor.

\$2.50 each.

SOUVENIR de BILLARD. Rose red color, large, thornless. \$2.50 each.

Rare Berry Plants.

RUBUS NUTKANUS. Mocino. Salmonberry, the West American Mayberry; a singularly beautiful fruit, varying in color from a clear golden yellow to an orange red; delicious when served with sugar and cream.

We do not advise the trial of more than one plant; if found to succeed in the locality chosen, we will be pleased to furnish in quantity. Plants, 25 cents each.

Burbank's Improved Salmonberry, \$1 each.

MESEMBRYANTHEMUM AEQUILATERALE. Haworth. Beach Strawberry or Sea-apple. An Australian and West American

creeping plant, spreading readily over saline ground, whether clayey, sandy or rocky.

"Sheep are very fond of this succulent plant, and require but little water when browsing on it; or in cold coast districts they will do without any water, even in summer, while thriving well on the foliage." The brilliant red flowers are very fragrant, followed by large, sweet and delicious fruit, faintly suggestive of a strawberry. An ornamental plant, easily grown from cuttings.

Plants, 25 cents each.

SHEPHERDIA ARGENTIA. Nuttall. The Buffalo berry occurs from the Missouri to Hudson's Bay, attaining a height of ten feet, with beautiful silvery foliage. It commences bearing when very young, yielding abundantly every season, the brilliant red berries ripening from December to May, at a time when all other fruits in its native region are past bearing. The acidulous edible berries are useful for sauce, jams and jellies, and excellent for the table when served with cream and sugar.

15c each; 2 for 25c; 10 for \$1; \$5 per 100.

NUT TREES.

Trees 25c each when not otherwise specified.

AMERICAN SWEET CHESTNUT.

Small trees 25c; seed 40c per lb.

JAPANESE SWEET CHESTNUT.

Very rare, 50c each; seed 60c per lb.

JAPANESE MAMMOTH CHESTNUT.

Bears at 3 and 4 years of age, nuts very large, fine flavor, trees 35c each; seed 50c per lb.

JUGLANS CALIFORNICA Watson. The California Black Walnut is a tree or large shrub, producing small nuts of an excellent flavor, preferred by some to the Madeira nut. A grand ornamental tree, attaining a height of 60 feet, prolific, and could be advantageously grown in arid localities.

15c each, by the 100 5c, per 1000 \$40.

JUGLANS NIGRA Linnaeus. The Black Walnut is a beautiful tree, now largely planted for the richly colored and valuable timber which it supplies. The nuts are oily and delicious.

JUGLANS CORDIFORMIS Maxim. A remarkable Japanese species, producing heart-shaped nuts, with large kernels, which are easily extracted entire when nuts are cracked. One of the finest flavored walnuts known.

40c each, seed 50c per lb.

JUGLANS SIEBOLDIANA Max'm. This species is found wild in Northern Japan and is without doubt as hardy as an oak. The leaves are of an immense size, measuring 3 feet long, and of a beautiful shade of green. The nuts are produced in extreme abundance, growing in clusters of 15 or 20, much resembling the pecan, thinner shelled than the Black Walnut, the sweet kernel with the flavor of a Butter-nut, but less oily, and much superior.

30c each, seed 50c per lb.

JUGLANS REGIA Linnaeus. The English Walnut or Madeira nut. A tree of lofty growth, hardy and productive, valuable alike

for its timber and its delicious nuts.

25c each, seed fifty cts per lb.

PARIENNE. A fine dessert nut.

25c each.

FRANQUETTE. Very large walnut; sweet kernel.

MAYETTE. A fine commercial walnut; late bloomer.

CHABERTE. Soft shelled; late bloomer.

CALIFORNIA SOFT SHELL.

KAGHAZI. Late bloomer; nuts large, sweet and delicious.

Ten for two dollars.

GERMAN WALNUT. A very superior, large, thin-shelled variety, similar to the Kaghazi. A fine grower and a tremendous bearer, the very meaty nuts of rich, fine flavor.

Excellent seed \$10c per lb.

PROEPARTURIENS. Rather dwarf growing; an excellent French walnut, commencing to bear at 3 years; nut large, soft shelled, of fine flavor.

QUEENSLAND NUT.

MACADAMIA TERNIFOLIA F. Muel. An Australian tree, attaining a height of 60 feet. Bears nuts of the size of a nutmeg, with very hard shells and the flavor of the Brazil nut or of hazels.

One each.

TREE SEEDS.

25 cents per packet.

THUYA OCCIDENTALIS Linne. American Arbor Vitae. A beautiful evergreen tree grown extensively for hedges and useful in many ways.

CEDRUS LIBANI Barrel. Deodar Cedar, or Cedar of Lebanon.

SEQUOIA SEMPERVIRENS Endl. Redwood, "one of the most colossal trees of the globe."

SEQUOIA GIGANTEA Lindl & Gordon. The Giant Redwood, or "Big Tree" of California—the largest tree known in the world.

LIBOCEDRUS DECURRENS Torrey. The white or post cedar.

PSEUDOTSUGA DOUGLASH Carr.

PSEUDOTSUGA TAXIFOLIA Britton. The beautiful and popular Douglas Spruce (Abies Douglasii Lindl.), known in lumber markets as "Oregon pine."

PINUS LAMBERTIANA Dougl. The Great Sugar pine, bearing immense cones.

TORREYA CALIFORNICA Torr. The California Nutmeg; a symmetrical tree, attaining a height of 100 feet.

CORNUS NUTTALLII Audubon. A showy tree, or large shrub, the flowers followed by large cluster of crimson berries. "Dogwood."

ARCTOSTAPHYLOS GLAUCA Lindl. The great-berried Manzanita.

PINUS PONDEROSA Dougl. Western yellow pine. Trees of the largest size, 200 to 300 feet in height, and 5 to 15 feet thick.

PINUS SABINIANA Dougl. Gray-leaf pine; one of the nut pines, or "Digger Pine," the large seeds of which were formerly used for CHAMAECYPARIS LAWSONIANA Parl. Lawson Cypress (Cupressus Lawsoniana, Murr.) the Port Orford cedar of Oregon, a very handsome tree.

CUPRESSUS MACROCARPA Hartweg. Monterey cypress, a familiar hedge-tree in California, cones the largest of the genus, about an inch thick.

PINUS COULTERI Don. Big-cone pine, the "cone elongated, elliptical, of matchless size and weight, 15 to 20 inches long, and often weighing 5 to 8 pounds."

PINUS RADIATA Don. (P. insignis, Loudon.) Monterey pine; a popular tree for California planting.

ACER MACROPHYLLUM Pursh. Sierra maple, a tree 50 to 90 feet high, bearing large and numerous fragrant yellow flowers, borne in pendulous racemes.

ARBUTUS MENZIESII Pursh. Madrono. A surpassingly beautiful tree, with white flowers and orange-colored berries. Sometimes grows 100 feet high.

PHOTINIA ARBUTIFOLIA Lindl. The California Holly, or Christmas berry.

SCHINUS MOLLE Linnaeus. The Peruvian, or Mexican, Pepper tree, one of the most graceful and popular of ornamental trees in California; with pendant, fern-like, foliage, and bearing clusters of beautiful rosy-red berries.

VITIS CALIFORNICA Benth. The wild grapevine of California.

CEANOTHUS DIVARICATUS Nutt. "Deer-brush," a beautiful flowering shrub, with delicate blue flowers.

ARCTOSTAPHYLOS TOMENTOSA Lindl. Woolly Manzanita.

ROMNEYA COULTERI Harvey. The Giant, white flowering, bush poppy.

PENNISSETUM RUPELLII Steud. An elegant and graceful grass, resembling a dwarf pampas grass, with beautiful crimson-purple plumes. Blooms in July from seed sown in the spring, and produces its lovely plumes through the whole summer.

EUCALYPTUS GLOBULUS Labill. Blue gum.

EUCALYPTUS LEUCOXYLON F. Muel. Crimson-flowered eucalyptus.

EUCALYPTUS HAEMASTOMA Sm. White gum.

EUCALYPTUS ROSTRATA Schlecht. Red gum.

EUCALYPTUS CITRIODORA Hooker. Lemon-scented gum-tree.

EUCALYPTUS GUNNII Hook. Swamp gum-tree, one of the hardiest species known.

CATALPA SPECIOSA Warder. The hardy catalpa of the Mississippi States; of rapid growth, producing a very durable wood, food by Indians.

MAGNOLIA GRANDIFLORA Linnaeus. A beautiful flowering evergreen tree.

ILEX QUERCIFOLIA Meerb. American holly (Ilex opaca.) a fine evergreen tree, 20 to 50 feet in height, with rigid leaves and red berries.

CALYCANTHUS FLORIDUS Linn. "Sweet shrub."

CARYA ALBA Nutt. Shell-bark Hickory.

PRUNUS PADUS Linn. Bird Cherry.

CRATAEGUS CORDATA Soland. Washington Thorn.

PICEA AMABILIS. Silver Fir.

GOLDEN PLUMED ARBOR VITAE.

FRUIT TREES.

Our nurseries here at Grizzly Flats are devoted exclusively to the growing of berry plants, roses, lilacs, walnut trees, etc.; all the fruit trees we sell are grown in Oregon, and are first class in every respect; they are not large overgrown trees, but medium sized ones, which ship finely and take hold and grow vigorously.

PRICES ON FRUIT TREES.

The prices on fruit trees are governed by the condition of the market,—write us what you wish and we will give lowest possible rates.

Trees are 3 to 4 feet in height, 1 year old.

Summer varieties are marked (S); autumn varieties (A), and winter varieties (W).

ALEXANDER, OR EMPEROR (A) APPLE.

EARLY STRAWBERRY (S) APPLE.

DUCHESS OF OLDENBURG (A) APPLE.

SWEET JUNE (S) APPLE.

GOLDEN SWEET (S) APPLE.

EARLY HARVEST, OR YELLOW HARVEST

(S) APPLE.

YELLOW TRANSPARENT (S) APPLE.

RED JUNE (S) APPLE.

SWEET BOUGH (S) APPLE.

RED ASTRACHAN (S) APPLE.

SUMMER PEARMAN APPLE.

FALL PIPPIN (A) APPLE.

GRAVENSTEIN (A) APPLE.

MAIDEN'S BLUSH (A) APPLE.
 RED BEITIGHEIMER (A) APPLE.
 WEALTHY (A) APPLE.
 FAMEUSE, OR SNOW (A) APPLE.
 HAAS (A) APPLE.
 RAMBO (A) APPLE.
 TWENTY OUNCE, OR CAYUGA RED
 STREAK (A) APPLE.
 WAXEN (A) APPLE.
 ARKANSAS BLACK (W) APPLE.
 BLUE PEARMAIN (W) APPLE.
 BALDWIN (W) APPLE.
 YELLOW BELLFLOWER (W) APPLE.
 GOLDEN RUSSET (W) APPLE.
 JONATHAN (W) APPLE.
 MAMMOTH BLACK TWIG, OR PARAGON
 (W) APPLE.
 McINTOSH RED (W) APPLE.
 NORTHERN SPY (W) APPLE.
 PEWAUKEE (W) APPLE.
 RHODE ISLAND GREENING (W) APPLE.
 ROME BEAUTY (W) APPLE.
 SPITZENBURG (W) APPLE.
 TALMAN'S SWEETING (W) APPLE.
 WAGENER (W) APPLE.
 WILLOW TWIG (W) APPLE.
 WOLF RIVER (W) APPLE.
 CANADA RED (W) APPLE.
 BEN DAVIS (W) APPLE.
 WHITE BELLFLOWER (W) APPLE.
 DELAWARE RED (W) APPLE.
 GANO (W) APPLE.
 KING OF TOMPKINS COUNTY (W) APPLE
 MANN (W) APPLE.
 MISSOURI PIPPIN (W) APPLE.
 ✓ NEWTON PIPPIN (W) APPLE.
 CANADA REINETTE (W) APPLE.
 ROXBURY, OR BOSTON RUSSETT (W)
 APPLE.
 SEEK NO FURTHER (W) APPLE.
 STARK (W) APPLE.
 WALBRIDGE (W) APPLE.
 WINESAP (W) APPLE.
 ✓ WHITE WINTER PEARMAIN APPLE.
 ENGLISH RUSSETT (W) APPLE.
 ROYAL APRICOT.
 MOORPARK APRICOT.
 ✓ BLACK TARTARIAN CHERRY.
 ROYAL ACH CHERRY.
 CENTENNIAL CHERRY.
 BING CHERRY.
 YELLOW SPANISH CHERRY.
 MAY DUKE CHERRY.
 MISSION, OR CALIFORNIA GRAPE.
 BLACK MOROCCO GRAPE.
 MUSCAT OF ALEXANDRIA GRAPE.
 ROSE OF PERU GRAPE.
 SEEDLESS SULTANA GRAPE.
 ISABELLA GRAPE.
 Carmichon. Flame colored Tokay. White Cor-
 inth Zinfandel, and Pierce grapes.
 Zante grape, the variety from which the Zan-
 te currant of commerce is prepared. 15c each,
 10 for \$1, \$7 per 100.
 SACRAMENTO RIVER GRAPE. A wild
 form possessing a very marked flavor, deli-
 ciously rich and musky, large size and quite
 firm. Recommended for experimental plant-
 ing. Rooted cuttings, 25 cents each.
 RUSSIAN MULBERRY.

DOWNING'S EVERBEARING MULBERRY.
 Mulberries 35c each.

✓ NEW WHITE NECTARINE.
 ✓ BOSTON NECTARINE.
 ✓ ALEXANDER'S EARLY PEACH.
 ✓ CRAWFORD'S EARLY PEACH.
 EARLY RIVERS PEACH.
 GOLDEN CLING PEACH.
 ✓ LEMON FREE PEACH.
 ORANGE CLING PEACH.
 ✓ FOSTER PEACH.
 ✓ HALE'S EARLY PEACH.
 ✓ MUIR PEACH.
 ✓ SALWAY PEACH.
 ✓ BARTLETT (S) PEAR.
 LAWSON (S) PEAR.
 CLAPP'S FAVORITE (S) PEAR.
 SOUVENIR DU CONGRESS (S) PEAR.
 BEURRE CLAIRGEAU (A) PEAR.
 DOYENNE DU COMICE (A) PEAR.
 FLEMISH BEAUTY (A) PEAR.
 KIEFFER'S HYBRID (A) PEAR.
 DUCHESS D'ANGOULEME (A) PEAR.
 LOUISE BONNE DE JERSEY (A) PEAR.
 SECKEL (A) PEAR.
 BEURRE EASTER (W) PEAR.
 P. BARRY (W) PEAR.
 POUND (W) PEAR.
 WINTER NELLIS PEAR.
 PRATT'S SEEDLING (W) PEAR.
 VICAR OF WAKEFIELD (W) PEAR.
 WINTER BARTLETT PEAR.

The greatest novelty that has been intro-
 duced in the pear line for a century, combining
 the size and flavor of the Bartlett, and keeping
 until March. This pear is a cross between the
 Bartlett and the Bergamot Fortune; it is a
 constant and regular bearer, a very vigorous
 and powerful growing tree, and yields immense
 crops of fruit. The Bartlett pear is the most
 profitable of all pears, and growers here real-
 ized big prices this year for that fruit. But a
 pear possessing the rich flavor of the Bartlett,
 and keeping so late, is sure to be a great money
 maker. Fine mail size trees \$1 each.

BURBANK'S (JAPAN) PLUM.
 BRADSHAW PLUM.
 COE'S GOLDEN DROP PLUM.
 COLUMBIA PLUM.
 KELSEY (JAPAN) PLUM.
 GREEN GAGE PLUM.
 SATSUMA (JAPAN) PLUM.
 PEACH PLUM.
 WASHINGTON PLUM.
 REINE CLAUDE DE BAVAY PLUM.
 YELLOW EGG PLUM.
 NEW JAPANESE PLUMS.
 Trees 60 cents each.
 WHITE KELSEY, YEDDO, MIKADO, FU-
 RIGUJA, O. HATANKYO, YONE MOMO,
 WASSE SIMONO, WASSE BOTANKIO, NO-
 GATE NO BOTANKIO, SAGETSUMA, HOU-
 MONO, HYTAN-KAYO, WASSO, SHIRO SI-
 MONO.
 WEEPING BLOOD PLUM.
 NORMAN'S JAPAN PLUM.
 BAILEY'S JAPAN PLUM.
 WICKSON'S PLUM.
 Dormant buds, \$1.50 each.
 ORIENT PLUM.
 75c each.

PAPER SHELL POMEGRANATE.

Pomegranates 75c e. ch.

SPANISH RUBY POMEGRANATE.**SWEET FRUITED POMEGRANATE.****TENNANT PRUNE.**

Largest and the earliest prune grown, 15c each.

PACIFIC PRUNE.

Another choice early prune, 10c each.

GOLDEN PRUNE.**HUNGARIAN PRUNE.****PETITE D'AGEN PRUNE.****TRAGEDY GERMAN PRUNE.****SILVER PRUNE.****FALLENBURG OR ITALIAN PRUNE.**

Prunes on either Peach or Myrobalan stock.

PRUNUS DIVARICATA Ledeb. The purple-leaf plum. 35c each.**PRUNUS ILICIFOLIA** Walp. "Islay;" evergreen, or holly-leaved cherry; attractive for the beauty of its shining dark green foliage; fruit dull red, of a delicate flavor, with a kernel "almost equal in flavor to the almond." A desirable ornamental shrub and useful as a hedge plant. 50c each.**PRUNUS MYROBALANA** Loisel. Myrobalan plum. A general all-around stock for plums and prunes.**PRUNUS SIMONI** Carr. The apricot plum, or Simon plum, of China; growth erect; flowers small, white; fruit large, flattened, of the size and appearance of a nectarine, brick red color, flesh yellow, with a peculiar, sweet aromatic flavor. 25c each.**PRUNUS PISSARDI** Carr. See *P. divaricata*.**APPLE OR ORANGE QUINCE.****CHAMPION QUINCE.****REA'S MAMMOTH QUINCE.**

Quinces 25c each.

Apple seed.....	charges prepaid, per lb \$	50
French crab apple.....	"	85
Cherry, Mahaleb.....	"	85
" Mazzard.....	"	50
Grape, Clinton.....	"	2 50
" Concord.....	"	2 50
Mulberry, White.....	"	2 00
" Russian.....	"	3 00
Peach, select seed, C. I. grown.....	"	20
Pear.....	"	1 55
Myrobalan Plum.....	"	75
Quince.....	"	2 75
Walnut, Black.....	"	35
" Cal. Black.....	"	25

JAPANESE PLANTS.

JAPANESE BLACKBERRY TREE. A beautiful evergreen tree, growing to a height of thirty feet; it yields huge fruits, the shape and color of the blackberry, and possessing a most superb flavor. The tree is thornless and very hardy. The fruit has a small pit, like a cherry pit, and can be used for every purpose that the blackberry is put to.

Singletrees, 60c.; 10 for \$5; 100 for \$45.

THE KIN-KAN (Japan) or Kum-Quat (of China.) "A variety of orange, the great merits of which are as yet comparatively unknown. The tree forms a medium-sized pyramid from 15 to 20 feet high, but can be trained into any shape desired. It is most to be recommended for its superior hardiness (as, if once well established, a temperature of 10 to 15 deg. above zero Fahrenheit will not injure it,) and also for its early and profuse bearing capacity, the branches being literally covered with fruit. The fruit itself is oblong, of a bright golden yellow, like a medium-sized egg plum, the rind almost as thin as a cherry's, sweet and juicy; can be eaten with

the fruit; the pulp is juicy, subacid, very refreshing. It recommends itself mostly for crystalizing and preserving, but is also eaten fresh from the tree. Cut into halves, it is used in Japan during summer as an ingredient for all cooling drinks, to which it imparts a delicious flavor. As a plant for pot culture in the Eastern climate it cannot be too highly recommended, not being as tender as the other oranges. A small tree laden with the golden fruit is one of the greatest ornaments to window garden or conservatory, and those who buy the well-grown plants we offer will be greatly pleased with their experiment. Pot-grown trees, \$1 each; trees open-ground, which can be planted into pots, and will grow into fine specimens, 50c each.

Citrus trifoliata, splendid hedge plant, also a superior stock for grafting the Oonshu orange upon, 15c each, \$3 per 100.

Oonshu Orange, the hardest orange known; will safely stand a temperature of 16 to 18° above zero without protection, and without injury; the demand for these trees is immense, they commence fruiting quite young, fruit is large, clear golden yellow, possessing a sweet, rich, orange flavor; almost seedless, ripens in November; is good to eat when first colored; a splendid orange for home use and for commercial purposes. This is the only variety that safely withstood the big freeze in Florida last winter. 35c each, 10 for \$2 50, per 100 \$20, per 1000 \$180.

JAPANESE MORNING GLORY.

These are unrivalled for supreme beauty and magnificence, entirely different from the common cultivated kinds, seed per pkt. 25c.

Chrysanthemum seed, from the rarest Japan sorts, 50c per pkt.

Lychuis, new fringed Japan pink, pkt 2°c.

JAPANESE GOURD.

25c per pkt.

Chinese Dish Rag, 25c per pkt.

JAPANESE BEAN.

Unknown in this country, 15 different varieties; sample of one variety 15c, pkt of each var. \$1 20

JAPANESE MUSKMELON.

25c per pkt.

JAPANESE ONION.

25c per pkt.

JAPANESE PEA.

Four varieties, 10c per pkt.

JAPANESE PEPPER.

15c per pkt.

JAPANESE WINTER SQUASH.

Longest keeper known, per pkt. 25c.

JAPANESE PEAR.

Pkt, 25c, per lb \$4

JAPANESE GRAPE.

A red and white variety, high musky flavor. 50c each.

LATHYRUS SYLVESTRIS WAGNERI.

Great new forage plant, pkt 2 c, per lb \$3.

JAPANESE MAIDEN HAIR TREE.

Foliage resembles the fronds of the Maiden Hair fern, attains a large size, 60c each.

JAPANESE WHITE LILAC TREE

Very rare, \$1 25 each.

Weeping Cherry, of Japan, flowers pale rose, drooping branches, 80c each.

CANTON HYBRID ORANGE.

\$1.50 each.

BUSHIN-KAN. The five-fingered orange of Japan, a curious novelty, one of the greatest horticultural wonders. This orange tree bears a fruit the exact counterpart of a human hand, and that hand with long pointed nails! The fingers are perfect—the nails with the long claw-like aspect being rendered in curious likeness. The fruit hangs on the tree like a human hand, with the ball of the thumb clearly defined. Fruits when quite young; not an ornamental oddity, nothing to equal this has been offered in a generation.

Price per strong plant, without fruit, \$1.50 to \$2; with fruit, \$2.50 to \$5.

BAMBOOS.

Sixty Cents Each.

MOSO-CHIKU. Attains a height of 30 ft.

TAI-HO-CHIKU. Slender stems, 10 ft. high.

BUNGO-SASSA. Slender, grass-like, 2 to 3 feet high.

BUNGO-AGRESTIS. Slender, variegated leaves, 4 to 5 feet.

BAMBUSA NANA Roxb. This Japanese bamboo will stand several degrees of frost, and attains a height of forty feet.

BAMBUSA viridi-glaucescens, Carr.—See B. nana.

HYDRANGEA HORTENSIA Siebold. var. RUPEA. The Rosy Star Hydrangea; double rose-colored perfect star-shaped flowers.

6 c each.

JAPANESE WHITE HYDRANGEA. Very showy and fine, 35 cents each.

JAPANESE ROSE HYDRANGEA. Extremely beautiful, 35 cents each.

JAPANESE CELESTIAL BLUE HYDRANGEA. Very showy, 35 cents each.

JAPANESE SNOWBALL. 50 cents each.

JAPANESE AZALEAS: Pot plants in the following colors: Pure white, golden yellow, apricot or salmon color, and red; by express (purchaser paying charges) at \$1 each.

CAMELLIAS: Pot plants, 12 to 18 inches high, pure double white, double shell pink, or double variegated; by express (purchaser paying charges), \$1 each.

MAGNOLIA OBOVATA Thunb. Japan Purple Magnolia; blossoms purplish red.

75c each.

Tree Pæonies, seed 25c per pkt.

JAPANESE MAPLES.

ACER PALMATUM Thunb. A showy and magnificent tree, with deeply-cleft leaves, in some varieties having rich, glossy red foliage, some variegated red and white, others golden yellow, brown, green and white. Japan alone furnishes twenty-two species of maples. The many ornamental forms of these species are yearly gaining in favor, and for effective grouping in landscape gardening they are unrivalled.

Var. ATROPURPUREUM. Dark, satiny, red foliage.

Var. A. VARIEGATUM. Variegated red, green and brown.

Var. A. DISSECTUM. Rich brown, fern-like foliage.

Var. SANGUINEUM. Bright, blood red.

Var. VERSICOLOR. Pink, green and white.

Var. ROSEO-MARGINATUS. Pale pink, shaded by a network of green and white.

Var. AUREUM. Clear golden yellow.

FIFTY CENTS EACH.

GRAFTED JAPANESE MAPLES: five to seven different varieties grafted upon one stem form a wonderful display of foliage, a "tree bouquet" of red, white, yellow, brown and green in brilliant contrast and showing to great advantage.

TWO DOLLARS EACH.

HOVENIA DULCIS. Thunberg. A surpassingly beautiful tree, of Himalaya, China and Japan; the edible pulpy fruit stalks an inch in diameter, sweet and pleasant; true fruit the size of a pea. Trees large and heavy; by express, \$1 each.

JAPANESE GOLDEN MAYBERRY.

A rare and meritorious fruit, possessing a most fascinating flavor; fruit large, clear golden yellow, bushes grow in a tree-like form, to a height of 3 feet, and commence bearing early, a valuable new fruit for market and home use. This wonderful fruit is very early, ripening with or before the earliest strawberries.

25c each, 10 for \$2, \$16 per 100, \$125 per 1000.

JAPANESE TREE CRANBERRY.

Cranberry plum, fruit larger than a cranberry, makes a most wonderful preserve, single trees 50c.

JAPANESE MEDLAR.

Bears bunches of yellow fruit, in May and June, of a vinous agreeable flavor, 35c each.

JAPANESE PERSIMMON.

In 6 best sorts, including Dai-Dai, Maru Zhisamaru, Kuro Kime, Hyakime, Yedo-Itchi, and Tsuru-no-ko; these are varieties for table use, and can be eaten direct from the tree, 35c each.

Semi-Tropical Plants.

These are grown for us at Santa Barbara, Cal, and sent from there, charges prepaid.

Price 50c each when not otherwise specified.

MUSA ENSETTE Gmelin. The Abyssinian, or Bruce's, banana; a magnificent plant, attaining a height of 30 ft., the leaves occasionally 20 ft. long and 3 ft. wide; the inner part of the stem and the young spike can be boiled and served as an esculent, but the fruit is pulpsless.

YUCCA BACCATA Torrey. California wild banana, or "Mexican bayonet;" a most beautiful scenic plant, tree-like in growth, often 15 ft. high, bearing large spikes of lovely wax-like flowers richly tinged with purple. The fruit edible, but sparingly produced.

YUCCA FILAMENTOSA Linn. "Adam's Needle;" produces tall spikes of snowy white, bell-shaped flowers; very beautiful, and furnishes a fiber of great strength.

ANONA SQUAMOSA Linn. The Sugar Apple, or sweet-sop; a delicious fruit; in shape resembling an inverted pine cone; yellowish green, ovate, the thick rind inclosing the luscious pulp. The acrid seeds, when reduced to a powder, are used as an insecticide. An ornamental bush. Malay Islands. Fruit scaly.

ANONA CHERIMOLIA Miller. Cherimoya, or Jamaica apple; fruit the size of a large apple, pale greenish yellow tinged with purple, weighing from 3 to 4 pounds each; native of Peru, where it is said to attain a weight of 16 pounds! Flesh is sweet, of the consistency of a custard, with thin skin. Trees in Santa Barbara bear yearly; will stand quite a frost; the flowers very fragrant.

CORNUS CAPITATA Wall. The Himalayan strawberry-tree, also known as Benthania fragifera, Lindl.

CAPSICUM FRUTESCENS Linne. A shrubby species of tropical America, the berries of which are converted into cayenne pepper, and into the celebrated Tabasco Sauce.

CARISSA GRANDIFLORA A.D.C. A spiny evergreen, with white, fragrant flowers, and berries the size of a small plum.

ANTIGONUM LEPTOPUS Hook & Arn. Rosa de Montana, a surpassingly beautiful vine, in summer and autumn covered with a mantle of showy pink flowers.

ALTHAEA FICIFOLIA CAV.

VITIS INCISA Nuttall. Yerba del Buey (Cissampelos, Desm.) a fine tropical vine.

ERYTHRINA INSIGNIS Tod. The Coral Tree; a surpassingly beautiful tree, of large size, with brilliant red flowers.

MALIMODENDRON ARGENTEUM Fisch. A pretty Asiatic shrub with pink flowers; will grow in saline or alkaline soils and stands extremes of cold and drought.

PITHECOLOBIUM BREVIFOLIUM Benth. The Huajillo, a beautiful evergreen tree, useful also as a forage plant.

LATHYRUS SPLENDENS Kellogg. By far the most gorgeous and beautiful flowering vine in the west, producing masses of brilliant crimson flowers.

PISTACIA VERA Linn. A deciduous Asiatic tree, sometimes 30 feet high, yielding the delicious Pistacio-nuts of commerce, remarkable for their green almond-like kernels.

ZINGIBER OFFICINALE Roscoe. The Ginger plant, of India and China; "for candied ginger only the young succulent roots are used, which are peeled and scalded prior to immersion into the saccharine liquor."—Muel-ler.

DORYANTHES PALMERI W. Hill. Australian Torch Lily; red and white; 8 feet high; a plant of marvelous beauty.

DRACAENA DRACO Linn. The Dragon-blood tree of the Canary Islands; an imposing feature in scenic horticulture; a celebrated one at Orotana was estimated by Humboldt to be 6000 years old; yields the Dragon-blood resin.

YUCCA WHIPPLEi GRAMINIFOLIA—one of the most recommendable either for its dense rosette of glaucous leaves, or for the panicles of fragrant white flowers, sometimes over 20 ft. high.

The following are 85c each.

FICUS ELASTICA Roxb. A large tree, yielding its milk-sap copiously for caoutchouc, the kind called assam-rubber. The true India Rubber tree, and highly valued as an ornamental tree.

FICUS INDICA Linn. The fained Banyan tree of India; "at the age of 100 years one individual tree will shade and occupy about one and a half acres, and rest on 150 stems or more, the main stems often with a circumference of 50 feet."

EUGENIA JAMBOS Linn. The Rose-apple, of tropical Asia; a delicious fruit, having the flavor of the apricot, about the size of a crabapple, yellowish red, and with a fragrant rose scent.

PALMS.

CHAMAEROPS EXCELSA Thunb. The hardest of all palms; had stood three degrees above zero F. without protection; beautiful fan-shaped leaves.

CHAMAEROPS HUMILIS Linn. The dwarf fan palm of southern Europe; very ornamental, and eligible for scenic effect; hardy.

CYCAS REVOLUTA Thunberg. A most beautiful cycad for scenic planting; this, the "Japan Fern Palm," attains a height of 6 feet, and is rich in sago-like starch.

ERYTHEA ARMATA Watson. The beautiful Blue Palm, of Lower California; the fan-shaped leaves of a soft, glaucous color; the fruit is the size of a marble, and largely eaten by the Indians of the desert region where it grows wild.

ERYTHEA EDULIS Watson. The Guadalupe Island Palm; "of equal decorative value to *Latania borbonica*, much hardier, and offer more rapid development."

JUBAEA SPECTABILIS Humboldt. The tall and stout Coquito Palm of Chili; hardy; yields small edible kernels; a kind of treacle is obtained from the sap; leaves sometimes 10 ft. long.

OREODOXA REGIA Humboldt. The Royal Palm, "the Glory of the Mountains;" the grandest of the pinnate leaved palms.

PTYCHOSPERMA ELEGANS Blume. Leaves 2 to 10 feet in length, widely known under the name of *Seafordia elegans*, R. Br.

THRINAX ARGENTEA Lodd. One of the most elegant of fan palms, the under part of the leaves shining like satin; native of Panama.

WASHINGTONIA FILIFERA Wendl. The popular Californian fan palm; a hardy and magnificent species of the desert region of Southern California.

The following \$1.25 each:—

ARTOCARPUS INTEGRIFOLIA Linn. The Jack Fruit, of the Malay Islands; attains a weight of 50 pounds.

ARENCA SACCHARIFERA Labill. The Sugar Palm, of India; the juice is converted into toddy or sugar; the young kernels made with syrup into preserves. The pitch supplies sago, about 150 lbs. from a tree, according to Roxburgh.

LEUCADENDRON ARGENTEUM R. Br. The silver tree; greatly admired by lovers of the odd and the beautiful.

COFFEA ARABICA Linn. The genuine coffee plant, a shrub or small tree, indigenous to Abyssinia; its glossy foliage, fragrant flowers and red berries render it very ornamental.

YUCCA FILIFERA Chaubaud. One of the tallest of the genus; flower stalk over 20 feet high, bearing a panicle of drooping, showy, white flowers.

NOVELTIES.

\$1.00 Each.

ALOE CILIARIS Haw. A climbing South African species; produces a profusion of orange scarlet flowers.

CROTON TIGLIUM Linnaeus. A tall shrub or small tree, yielding the well-known Croton oil.

DENDROCALAMUS MEMBRANACEUS. Munro. A most elegant giant bamboo, likely to be hardy in the south.

EHRETIA MACROPHYLLA Wall. A small Japanese tree, with very large cordate leaves, and panicles of white flowers.

HEMICYCLIA AUSTRALASICA Muell. A large spreading evergreen tree, with shining holly-like foliage, and red fruits.

PHYSALIS GLABRA Benth. The "Tomate oloroso" of Baja California; plant bluish color, musk scented; flowers yellow; fruit red, edible.

SCHOTIA LATIFOLIA Jacq. A South African shrub, with rich, ornamental foliage, and pretty red flowers.

ALPINE CRANBERRY.

Flowers large, whitish yellow, of great ornamental beauty; foliage glossy, dark green.

This has not fruited yet with us, but the fruit probably equals the common tree cranberry.

ALPINE BUSH CRANBERRY.

A form of the Alpine Cranberry, with silvery foliage.

These two cranberries were collected on Mt. Baker, Washington, at 8000 ft. elevation, within 100 yards of a large glacier of eternal ice and snow, so it will be readily observed that they are quite hardy.

DEL NORTE ROSE BERRY.

A trailing type of the California wild blackberry, bearing pure white fruit of the richest and highest imaginable flavor. Plant in proximity to the Humboldt blackberry, to insure perfect fertilization, or no fruit will be produced, as it is a pistillate variety. Very rare and scarce.

LYONOTHAMNUS FLORIBUNDUS Gray. Glossy evergreen foliage, finely cut like some ferns; branchlets crowned with umbels of white flowers. Santa Barbara Islands, a tree 30 to 50 feet high, extremely rare in cultivation. \$5.

CARNATIONS.

By mail, postpaid, at 15 cents each.

AMERICAN FLAG, striped crimson and white.

AURORA, fine pink, exquisite fragrance.

BUTTERCUP, yellow, with pink markings.

CRIMSON CORONET, fine pink, deeply fringed.

DAYBREAK, delicate shade of pink.

GOLDEN GATE, fine golden yellow.

LIZZIE MCGOWAN, very fine, pure white.

PEACH BLOW CORONET, peach pink color.

SILVER SPRAY, white.

LILIES.

Price 15c. each when not otherwise specified.

BEHRIA TENUIFLORA Greene. Grassy leaves about a foot long; flowers tubular, borne in an umbel, the stamens much exerted, brilliant scarlet in color, reminding one somewhat of *Brevortia* *Ida-Maia*. A Mexican bulb nearly allied to *Bessera elegans*.

LILIUM LEICHTLINII Hook. f. A Japanese species of neat and elegant habit; pendulous flowers, pure canary yellow, with crimson spots; petals recurved.

20c. each.

Var. **FUJI-HIRADO**. A Japanese variety with red flowers, spotted with black.

20c. each.

LILIUM JAPONICUM Thunb. Broad, funnel-shaped flowers, delicate pink to a rich soft rose, spotless, and very fragrant. (L. Kramer, of catalogues.)

LILIUM LONGIFLORUM Thunb. Snowy white, trumpet-shaped flowers, of rare fragrance.

LILIUM ELEGANS Thunb. An early and very showy Japanese species, with cup-shaped flowers.

Var. **INCOMPARABLE**. "Brilliant red, with golden shadings."

30c. each.

LILIUM HUMBOLDTII Roez and Leichtl. Very tall, large golden yellow blossoms, dotted with purple; a very showy and magnificent lily.

LILIUM WASHINGTONIANUM Kellogg. A marvelously beautiful white lily of a waxy luster, and emitting a delightfully spicy perfume.

LILIUM AURATUM Lindl. The Golden Banded Lily of Japan, has very fragrant and most beautiful white flowers, with each petal wonderfully marked with a wide gold band, and spotted with maroon. This lily is very variable, scarcely any two plants being alike.

Var. **RUBRO-VITTATUM**. The gold replaced with a broad crimson band; the spots and blotches large and a vivid crimson, forming a splendid contrast with the white.

60c. each.

LILIUM KRAMERI, very choice, a lustrous rosy red. 20c. each. *See L. Johnstonii*

LILIUM BATEMANIAE Wallace. A robust, hardy Japanese species, named for Mrs. Bateman, producing umbels of 4 to 12 semi-cup-shaped flowers, of a deep apricot yellow.

LILIUM BROWNII Miell. A magnificent Chinese species, 2 to 3 feet high, bearing a solitary, large, beautiful flower, tubular or bell-shaped, 10 inches long, pure white, with a purplish-brown midvein on the three outer segments.

40c. each.

LILIUM SPECIOSUM Thunb. This has furnished many beautiful varieties for the garden, of which only a few can here be mentioned.

Var. **RUBRUM**. Pure white, with crimson stripes.

Var. **OPAL**. "Frosted white, dotted with red."

35c. each.

Var. **MELPOMENE**. Very fine, dark red.

Var. **ALBUM**. Pure white; fragrant.

LILIUM CALLOSUM Sieb. and Zucc. Brilliant red flowers; native of Japan.

LILIUM CONCOLOR Salisb. A Chinese species with deep crimson flowers, unspotted within, lighter colored outside.

Var. **CORIDION**. Rich yellow, flaked with brown; erect flowering, and the finest of the Japanese members of this group.

10c. each.

LILIUM CORIDIFOLIUM Thunb. Raceme a foot long, flowers whitish, marked with purple inside. A native of Northern Japan.

Var. **GIGANTEUM**. Grows 10 feet high.

LILIUM PARDALINUM Kellogg. A beautiful lily that seems to flourish in all soils and climates; a luxuriant grower and a profuse bloomer; the large, glowing yellow flowers

spotted with brown, the tips of a fiery crimson, very variable in color, however, occurring in many forms.

Var. **BOURGAEI**. A surpassingly beautiful lily; lustrous, fiery red, large and drooping flowers. 30c.

LILIUM PARRYI Watson. A pretty and exceedingly rare lily, found in the mountains of Southern California and Arizona, named in honor of Dr. C. C. Parry. Produces lovely clusters of large and very fragrant flowers, of a clear lemon yellow, spiced with a delicious perfume.

25c. each.

LILIUM PARVUM. An Alpine species, small, drooping, canary yellow colored flowers, resembling a dwarfish *L. pardalinum*.

LILIUM COLUMBIANUM. Reddish orange. 20c. each.

CALOCHORTI, or *Mariposa Lilies*; these are noted for their great brilliancy of flowers, and variation of color, ranging through all the shades and blendings of white, red, yellow, purple, black, copper color, lavender, brown, etc. We offer about 30 varieties—30 mixed bulbs, 60c.

BRODIEA, or California Hyacinths, we offer 9 varieties, ranging in color through lustrous shades of white, yellow, purple, black, blue, red and violet, 20 mixed bulbs, 25c.

FRITILLARIA, 3 varieties in red, green, yellow, brown, etc.—very odd and strange plants. Mixed package of 12 bulbs for 25 cents.

ERYTHRONIUM—these are dwarf lilies, and are very beautiful:—

E. Hartwegii, large, light yellow flowers, lily shaped, 1 for 10c.

E. purpurascens, yellow, purple tinge, 5 at 10c.
E. Hendersonii, very pretty rose purple fls, with mottled leaves, 3 for 10c.

E. citrinum, very large flowers, 2 in. across, canary yellow, fading to white, and flushed with purple at the tips, 3 for 10c.

E. grandiflorum, finely mottled base leaves, beautiful creamy white flowers, 5 for 10c.

Trillium ovatum, decidedly pretty white fls, merging to rosy pink, 10c. each.

T. sessile waxy purple flowers, 10c. each.

HESPEROCALLIS UNULATA A. Gray. The Lily of the Desert, growing in sandy washes on the Mohave and Colorado Deserts, in California. The lustrous waxy white flowers, shaded with green, very fragrant.

30c. each.

TRITOMA UVARIA Ker-Gawl.—See *Kniphofia aloides*, Muench.

KNIPHOFIA ALOIDES Muench. A showy and brilliant plant, the tall flower spike surmounted by rich, coppery colored flowers.

25c. each.

ROSES.

ROSES delight in a rich, well drained soil; frequent cultivation helps them wonderfully. In setting out young plants, shade and water well for a few days.

By all means set out early in the fall, as they do so much better the coming season; still they can be set out in almost any month in the year, and grown successfully.

Price, small plants, 15c. each; heavy field grown plants, 25c., charges prepaid.

STRIPED LA FRANCE. Creamy pink, streaked with carmine.

RED LA FRANCE. Brilliant pink, highly perfumed.

WHITE LA FRANCE. Pearly white, tinted with fawn.

CLIMBING LA FRANCE. Peach pink, a grand climber.

BEAUTE INCONSTANTE. Orange yellow and deep rose.

MME. CAROLINE TESTOUT. A lustrous satiny pink.

CHAMPION OF THE WORLD. Deep rosy pink.

GOLDEN GATE. Rich creamy white.
NIPHETOS. Pure snow white.
SAFRANO. A beautiful apricot yellow, shading to orange fawn.

MARIE GUILLOT. Pure white, shaded yellow.

CLOTHILDE SOUPERT. French white, deepening to rosy red.

SAPPHO. Fawn color, suffused with rose.

DUCHESS DE BRABANT. Soft silvery flush, changing to deep rose, edged with silver.

COQUETTE DE LYON. Canary yellow; very fine.

CATHERINE MERMET. Clear shining pink, with delicate shaded amber and fawn center.

BON SILENE. Deep rose color, very sweet and beautiful.

GLORIE DE DIJOU. Fawn, tinted with salmon and rose.

ISABELLA SPRUNT. Sulphur yellow; very beautiful.

MADAME HOSTE. Delightfully perfumed; color soft canary yellow, deepening at center to pure golden yellow; beautifully flushed with pale amber; edges and reverses of petals rich creamy white.

MADAME LOMBARD. Very double, beautiful shade of rosy bronze, passing to salmon and fawn, shaded with carmine buds, and reverse of petals rosy crimson.

MARIE VON HOUTTE. White, tinged with yellow, border of petals tipped with rose.

METEOR. Rich velvety crimson; very fine.

PAPA GONTIER. Brilliant carmine, changing to pale rose.

PERLE DES JARDINS. Best yellow tea rose; flowers of the deepest yellow; highly fragrant.

RAINBOW. Resembles Papa Gontier, except that the petals are striped or blotched; of great beauty; 25 cents each, prepaid by mail.

SUNSET. Rich golden amber, shaded with dark ruddy crimson; deliciously perfumed.

THE BRIDE. Pure white tea rose; very fragrant.

THE QUEEN. Color snow white, and very sweet; a most continuous bloomer.

AMERICAN BEAUTY. Deep glowing rose of delicious fragrance.

BLACK PRINCE. Almost black, velvety crimson.

GIANT DES BATAILLES. Brilliant, fiery crimson.

HER MAJESTY. The largest rose ever induced; bright pink, shaded with rosy salmon.

LOUIS VAN HOUTTE. Fiery, amaranth red; petals bordered with crimson.

MABEL MORRISON. White, faintly flushed with pink; extra.

MADAME GABRIELLE SUZET. Color a fine satin rose inlaid with silvery rose and color heightened at the center; one of the most beautiful roses grown.

PAUL NEYRON. Dark rose; very fine.

MOSS ROSES.

AETNA MOSS. Bright crimson, shaded purple.

CAPTAIN JOHN INGRAHAM. Dark velvety purple.

HORTENSE VERNET. Rosy carmine; buds beautifully mossed.

MOUSSELINE. Pure white, sometimes shaded with rosy blush.

VISCOMTESS FALMOUTH. Bright shining rose, back of petals bright carmine; flowers extra large.

CLIMBING ROSES.

CELINE FORESTER. Pale yellow, a very excellent rose.

CLOTH OF GOLD. Deep yellow, with sulphur edges; very beautiful.

GOLD OF OPHIR. Magnificent; bright salmon and fawn color.

LA MARQUE. White; very fine.

MARECHAL NEIL. Flowers very double, and delicately perfumed; color deep golden yellow.

REINE MARIE HENRIETTE. Clear cherry red, tea scented; strong climber.

SAN RAFAEL ROSE (Beauty of Glazonwood.) Most brilliant and charming of all climbing roses; flowers semi-double, and a beautiful blending of gold, copper and pink; 50 cents each, postpaid.

BANKSIA ROSES.

WHITE. Pure white, very double, small flowers, delicate fragrance, like a violet.

YELLOW. Clear yellow, small and very double.

BENGAL ROSES.

AGRIPPINA. Rich velvet crimson.

COUPE DE HEBE. Deep pink.

JAMES SPRUNT. Climber; crimson color.

MAGNA CHARTA. Pink, suffused with carmine.

HYBRID NOISETTE ROSES.

HYBRID NOISETTE. This rose blooms in clusters; flowers white or nearly so.

MADAME ALFRED CARRIERE. Very light flesh color, shaded with salmon.

BOURBON ROSES.

HERMOSA. Bright rose, a most constant bloomer.

SOUVENIR DE LA MALMAISON. Delicate flesh color, tinted with fawn.

PRAIRIE OR CLIMBING ROSES.

BALTIMORE BELLE. Pale blush, variegated and carmine, rose and white.

PRAIRIE QUEEN. Clear bright pink, sometimes with a white stripe.

SEVEN SISTERS. Crimson, changing to white.

CHEROKEE. Very distinct from other roses; dark glossy foliage; single crimson flowers.

WHITE RAMBLER. Same as the Crimson Rambler Rose, but pure white, double, \$2.50 each.

MISCELLANEOUS.

STRAWBERRY NUT TREE. A Chinese fruit, resembling huge strawberries, each enclosing a soft-shelled nut with a highly aromatic and sweet kernel. This is exported in large quantities from China.

Pot grown plants, \$2 each.

DASYLIRION Zucc.

Yucca-like, and very choice ornamental plants, belonging to the lily family, with narrow, grass-like leaves.

D. Bigelovii Torr.—See *Nolina Bigelovii*.

D. GLAUCOPHYLLUM Hook. A low growing, spiny, Mexican species.

65c. each.

D. longifolium Zucc.—See *Nolina longifolia*.
NOLINA LONGIFOLIA Hemsl. A Mexican species; the bright green, drooping leaves several feet long; grows ten feet high.

60c. each.

NOLINA BIGELOVIA Watson. Leaves flat, rough margined, an inch or more wide; with age attains a height of eight or ten feet; produces heavy panicles of small whitish flowers.

65c. each.

THE HUMBOLDT HUCKLEBERRY. These huckleberries can be grown in a dry soil, as well as in moist. If occasionally irrigated; it is an immense yielder, the bushes fairly breaking with heavy loads of fruit, which is of enormous size, of a blue-black color, and a rich, delightful flavor.

The huckleberries of the Coast Range, in California, are gathered and sold in vast quantities in San Francisco, where they command good prices. The finely cut, brilliant glossy green foliage makes this variety of unrivalled ornamental value. The best way to establish a plantation of this choice fruit is to plant the seeds.

Seeds 25c. per pkt.

SWAMP HUCKLEBERRY. From Pennsylvania, each 25c.

NORTH CAROLINA Huckleberry, valuable only for its unique foliage, and charming manner of growth, small plants 10c each.

BRAINARD ELDERBERRY. Elderberries are splendid for pies, jams, jellies, wine, etc. This variety produces berries twice as large as the ordinary sort. 50c.

California Black Elderberry, very productive, sweet and fine, each 25c.

ELEAGNUS longipes, fine fruit from Japan, similar to cranberries, 35c each.

AKA GOOMI, a fine new Japanese berry, one dollar each.

YUDZMAMMEE, another novelty in Japanese berries, one dollar each.

Burbank's Improved Mayberry, claimed to be a cross between the Cuthbert raspberry and the mayberry, 75c each.

Honey Berry of Japan, a rare and beautiful fruit, no plants for sale for a while yet.

Wintergreen, berries red, aromatic and delicious, also known as Checkerberry, each 2 c

PINE APPLE BERRY. A very hardy fruit, which grows in clusters like grapes, green in color, with the flavor of gooseberries and a fragrance like that of the pineapple, leaves very large, flowers a beautiful white and exceedingly showy; a most wonderful honey plant, and should be cultivated by all bee keepers: the fruit can be put to many uses; it grows in a vine or trailing form, and will climb to a height of 150 feet in trees. Price 75c each.

DWARF JUNE BERRY. A sweet, juicy fruit valuable for pies, jams, etc. 25c each.

Sierra Juneberry, valuable for experimental purposes only, 25c each.

THE LEMONADE BERRY.

RHUS INTEGRIFOLIA Nuttall. A stout evergreen shrub, at times attaining to the rank of a tree, and a diameter exceeding five feet. The rose colored flowers produced in close panicles one to three inches long, followed by deep brilliant red berries, coated with an icy-looking, wax-like substance that is even more tart than the pleasantly acid berries. These berries make a cooling drink, equal to lemonade (almost indistinguishable in flavor.)

In Southern and Lower California this is often called Mahogany, from the rich and beautiful color of the wood.

We offer a limited number of trees at 50c. each.

COLORADO MAYBERRY.

The wild mayberry of Colorado, the fruit described by Coulter as "red, very large, and pleasantly flavored."

20c. each.

SIERRA THIMBLE BERRY.

Fruit large, brilliant red, aromatic flavor. Will not pay to cultivate for the fruit alone, but is a grand ornamental plant, with large, heavy green leaves, and very fragrant pure white blossom, as large as a rose.

20 c. each.

COLORADO THIMBLE BERRY.

Similar to above, 20c. each.

JAPANESE CHERRY PLUM.

A most excellent table fruit, \$1 each.

BENINCASA CERIFERA Savi. Cassabana; a strange fruit, belonging to the melon family; a native of tropical Asia and Africa. It will climb to a height of fifty feet in one season, and produces a large edible gourd, twelve to eighteen inches long and three inches in diameter, of a brilliant red when ripe, possessing a strong pineapple fragrance. Very superior for preserving. "In an unripe

state forms part of the composition of many kinds of curry."

For cold climates seeds should be started in pots, and transplanted to the open ground after all danger of frost is over.

Seeds 25c. per pkt.

HENRICYLLIA AUSTRALISICA Muell. A THE STRAWBERRY GUAVA.

PSIDIUM CATTLEYANUM Weinw. A shrub 10 to 12 feet high, evergreen, producing a heavy crop of dark purple fruit of the size of a walnut; flower small, white and fragrant. About as hardy as the orange, and a very ornamental plant for the conservatory in climates too cold for the profitable growing of its delicious fruit, which may be eaten out of hand, or with sugar and cream like strawberries. It makes the finest jelly known.

Plants 25c. to \$1 each. Seeds 20c per pkt.

BOOKS, Etc.

Botany of California: Brewer and Watson, 2 vols.	\$15.00
Index Kewensis: Hooker & Jackson, 4 vols.	60.00
California Fruits and How to Grow Them: Wickson, 2d revised edition...	3.00
Zoe: A journal of biology, 4 vols.	10.00
Engelmann, George: Reprint of botanical writings, 103 plates of cacti; 548 pp.; 4to.	20.00
Bigle Berry Book: 152 pp., 60 colored figs. ....	.50
West American Scientist, Nos. 12-19, 33-65, 67-80, each ....	.10
California Trees and Flowers: Orcutt, Ill. ....	.10
The Tuna, and other papers: Orcutt, Ill. ....	.20
Epiphyllum, and other papers, Ill. ....	.20
Sheep Industry of U. S., 1892, 1000 pp.	2.00
Agricultural, Stockraising and Mineral Resources of Colo., Utah, Washington, Kas., Oregon, Nebr., Wyo., Idaho and Montana, Ill., about 100 pp. each, all for ....	.50
Semi-Tropical Planter: 436, Ill., about 160 pp.	1.00
Index to N. A. Botany: Watson, 1878.	2.50
Manual on Orchard Planting, 8 pp. ....	.10
City and County of San Diego, California: Climate, resources, commerce, etc. ....	.10
Parry's Lotus Tree: A. Kellogg. ....	.20
From Summerland to the American Alps. ....	.10
Colorado Sights and Scenes: 76 pp., etc. ....	.65
Utah Sights and Scenes: 56 pp., etc. ....	.65

Cacti and Succulents.

We send out cacti from a large collection in San Diego, of well established plants; 25c. to \$1 each, according to size and beauty.

CENTURY PLANTS.

The agaves form a beautiful class of decorative plants, tropical in aspect, and belong to the amaryllis family, though often erroneously considered as belonging to the cactus family. They are called century plants from another popular fallacy, that they require 100 years before blooming. In tropical countries they attain maturity, blossom and die, in less than twenty years usually.

AGAVE AMERICANA Linnaeus. The mescal plant of Mexico, from which a useful fibre is secured. Pulque, the national drink of Mexico, is produced mainly from this plant, and the juice is also distilled into an alcoholic beverage known by the name of mescal. Thousands of acres are devoted to its cultivation in Mexico, where it ranks with corn, wheat and beans in commercial importance. It makes rapid growth, attaining to a large size, and in the United States is largely planted for its decorative value.

Var. **VARIEGATA** Hort. Large, broad leaves, margined with white, the finest of many forms in cultivation.

AGAVE CORDEROYI Versch. A very beautiful Mexican species.

\$1 each.

AGAVE DECIPIENS. Tall growing, deep green foliage.

60c each.

AGAVE MARGARITAE Brandege. A recent introduction from the islands off Lower California, and one of the handsomest of the smaller growing agaves.

AGAVE PALMERI Engelm. A very symmetrical species, found in the mountains of Southern Arizona.

AGAVE SHAWII Engelm. Very compact, dark olive-green leaves, margined with stout spines. Peculiar to the coast region of Southern and Lower California.

ALOE ARBORESCENS Mill. This very fine species throws up a flower spike three feet high, orange red flowers.

75c each.

THE PARTRIDGE-BREAST ALOE.

ALOE VARIEGATA Linnaeus. An African plant of great beauty, producing spikes of brilliant coral red flowers. It is found in many old-fashioned gardens and receives its common name from the feathery mottling of the leaves.

THE VELVET CACTUS.

CEREUS EMORYI Engelm. This is one of the best-known of California cacti, the slender, thickly-set yellowish spines giving it a peculiarly beautiful appearance. The spines on the young joints are shorter, soft and flexuous; the flowers are yellowish, followed by a small edible fruit.

CEREUS ENGELMANNI Parry. Heads several (sometimes, though rarely, a hundred,) 4 to 12 inches high, cylindric or ovate, with 11 to 13 ribs bearing bunches of about 13 pale radiating spines, and about 4 darker (yellow, brown or black), stout and angular, straight or curved central spines, 1 to 3 inches long. Flowers very numerous, bright magenta, often 4 inches across, followed by delicious fruits with much the same flavor of a strawberry, red, pulpy, filled with black seeds. Utah, California, Baja California and Arizona.

QUEEN OF THE NIGHT.

CEREUS GRANDIFLORUS Haworth. "The night-flowering cereus has gained a fame which entitles it to prominent notice, and plants which well be included in every garden, for its flowering is a source of interest to the least observant persons."—Castle.

CEREUS MAC DONALDIAE Hook. A handsome slender-stemmed species, of Honduras, Central America, and one of the finest of the night-flowering cacti. Flowers 12 to 14 inches across, with creamy white lanceolate petals, with an outer fringe of narrow yellow sepals; with a fragrance like vanilla.

50c each.

CEREUS TRIANGULARIS Miller. The Strawberry Pear bears most beautiful flowers scarcely less handsome than *C. grandiflorus*, measuring 12 to 14 inches across; the bright scarlet fruit, the size of a goose's egg, has a flavor compared to strawberries; the plant is easily distinguished by its triangular stems, and makes a most luxuriant growth, climbing readily to the top of its support.

FAIRY FINGER TIPS.

COTYLEDON ATTENUATA Watson. This dwarfish plant is destined to attain great popularity for beds and borders. It was discovered in Lower California in 1886 by C. R. Orcutt, and first introduced into cultivation in 1894. It resembles dwarf *C. Edulis*, and produces panicles of pretty yellowish or rose purple flowers that do not detract from its adaptability for borders or edging to beds.

10c each, \$6 per 100; fine for borders.

C. CALIFORNICA Baker. A very symmetrical, small-growing species especially valuable for bedding purposes.

C. DESMETIANA Hemsl. An exceedingly beautiful Mexican species, quite rare in collections.

60c each.

C. EDULIS Brewer. This sometimes grows two feet across and bears a tall panicle of greenish flowers. It has become widely known under the name of "Finger Tips," from the long, slender leaves, which the Indians of California formerly used as a salad.

20c each.

C. FARINOSA Benth. & Hook. Leaves rich vivid green, sometimes splashed with red; the clusters of brilliant red flowers, with a faint glow of yellow at the centers, are quite showy.

15c each.

C. LANCEOLATA B. & H. A plant that does well under good treatment, producing a spike of red flowers. The lanceolate flat leaves sometimes of a dull crimson color, but commonly green.

35c each.

C. LAXA Benth. & Hook. Leaves curiously twisted; flowers red, or yellowish in some forms.

40c each.

C. LINEARIS Greene. A near ally to *C. lanceolata*, with greenish yellow flowers. Baja California.

40c each.

C. NEVADENSIS Watson. Flowers yellow, tinged with red; occurs in the Yosemite valley.

30c each.

C. ORBICULATA Linnaeus. An old-fashioned garden plant, attaining to a tropical luxuriance of growth and producing large pendulous orange-colored flowers of great permanence.

C. PULVERULENTA Baker. Large, elegant in form, the broad leaves forming a beautiful rosette and covered with a thick white powder.

30c each, \$20 per 100.

C. SECUNDA Baker. A showy and very symmetrical Mexican species, very useful in beds and borders; showy red flowers; of quick growth.

CRASSULA FALCATA Wendl. A South African plant, grayish in color, producing gorgeous panicles of brilliant red flowers.

ECHINOCACTUS TEXENSIS Hoef. Depressed, 13 to 27 acute ribs; spines stout, annulated, 6 to 7 radical ones and a stronger central spine; flowers rose colored; fruit subglobose, pulpy, red, covered with spiny bristles and soft wool, crowned by the wooly remains of the flower.

ECHINOCACTUS VIRIDESCENS Nutt. The Turk's Head cactus, that occurs at San Diego, California; very variable, but usually depressed, less than a foot in diameter, with strong, annulated reddish spines; 13 to 21 ribs; fruit greenish or sometimes tinged with magenta, very sour, enclosing numerous black seeds.

ECHINOPSIS MULLERI. A hybrid, of rapid growth, blooming early, and with its large satiny rose-colored flowers is justly called the finest of its class.

ECHINOPSIS EYRIESII Zucc. This is less bristling in appearance than *E. Mulleri*, but produces lovely pure white flowers in great abundance.

OPUNTIA SERPENTINA Engelm. Procurrent, with yellow flowers, comparatively rare in cactus collections.

STAPELIA VARIEGATA Linnaeus.

CORRECTIONS.

Page 3: Hoffman, 25c doz, 75c per 100.

18: Kelway's Royal currant—not gooseberry.

20: German walnut, 30c—not 80c per lb.

20: Queensland nut, \$1.50—not 60c each.

Add: must be grown in a warm climate.

SALMONBERRY—



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RUBUS NUTKANUS.—SEE PAGE 19.

~~BUSHIN-KAN.~~

~~(The Five-fingered Orange of Japan.)~~

~~CURIOUS NOVELTY.~~

One of the greatest horticultural wonders. This Orange tree bears a fruit the exact counterpart of a *human hand*, and that a hand with *long pointed nails*! The fingers are perfect—the nails with the long claw-like aspect being rendered in curious likeness. The fruit hangs on the tree like a human hand, with the ball of the thumb clearly defined. Fruits when quite young, not edible, although in Japan a good jam is prepared from it. The tree itself is the same as any other Orange tree, with fine, large, glossy foliage and long thorns on the branches. As an ornamental oddity, nothing to equal this has been offered in a generation. Price, per strong plant, without fruit, \$1.50 to \$2; with fruit, \$2.50 to \$3 each.



GAULT PERPETUAL RASPBERRY.

THE GREATEST NOVELTY IN SMALL FRUITS.

Fruit immense size ; commences to ripen with Gregg, continuing two to three weeks longer, when fruit on young canes commences to ripen, continuing until frost. 'Plate made from photograph of tip cut September 21st, 1893, Young canes frequently produce clusters of 80 to 100 perfect berries.



YUCCA BACCATA